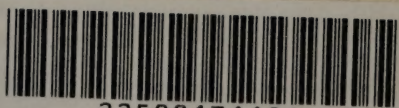






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# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 1. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JANUARY 7. [Price 1½d.

General Register Office, Somerset House,  
9th January, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 23·8 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |            | TOWNS.             | Weeks ending |             |             |            |
|--------------|--------------|-------------|-------------|------------|--------------------|--------------|-------------|-------------|------------|
|              | Dec.<br>17.  | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. |                    | Dec.<br>17.  | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. |
| Birkenhead   | 19·8         | 20·3        | 29·9        | 24·0       | Liverpool -        | 20·6         | 20·3        | 23·2        | 25·1       |
| Birmingham   | 22·2         | 21·6        | 24·4        | 19·5       | London -           | 20·1         | 18·6        | 23·3        | 22·8       |
| Blackburn -  | 35·7         | 31·7        | 29·0        | 28·5       | Manchester -       | 32·9         | 28·9        | 32·5        | 35·6       |
| Bolton -     | 27·9         | 25·5        | 33·9        | 27·6       | Newcastle-on-Tyne* | 26·2         | 23·3        | 27·9        | 24·9       |
| Bradford*    | 17·9         | 19·1        | 23·0        | 17·7       | Norwich -          | 17·4         | 19·1        | 20·8        | 23·3       |
| Brighton     | 16·8         | 20·3        | 18·5        | 14·8       | Nottingham*        | 27·9         | 19·3        | 28·9        | 21·2       |
| Bristol -    | 22·6         | 22·4        | 25·7        | 23·3       | Oldham -           | 29·2         | 20·2        | 31·1        | 24·9       |
| Cardiff*     | 20·5         | 21·0        | 24·5        | 25·0       | Plymouth -         | 17·6         | 30·4        | 28·4        | 40·3       |
| Derby -      | 25·0         | 15·5        | 21·1        | 20·6       | Portsmouth -       | 15·5         | 24·2        | 26·5        | 28·4       |
| Halifax -    | 21·1         | 22·4        | 31·0        | 25·4       | Preston -          | 35·7         | 26·5        | 33·7        | 29·3       |
| Huddersfield | 22·0         | 20·3        | 19·7        | 18·8       | Salford*           | 23·4         | 24·8        | 26·2        | 25·1       |
| Hull -       | 22·0         | 19·3        | 22·0        | 19·9       | Sheffield -        | 21·9         | 23·9        | 27·7        | 26·4       |
| Leeds -      | 26·2         | 19·5        | 25·1        | 23·9       | Sunderland -       | 22·9         | 23·3        | 21·3        | 20·6       |
| Leicester*   | 21·5         | 31·3        | 27·7        | 24·2       | Wolverhampton -    | 30·3         | 21·3        | 27·8        | 31·9       |

The highest annual death-rates from *measles* were 1·6 in Birmingham, and 1·8 in Nottingham and in Bolton; from *scarlet fever*, 1·6 in Sheffield, 1·7 in Huddersfield, and 1·8 in Blackburn; and from *whooping-cough*, 1·8 in Salford and in Leicester, 2·2 in Norwich, and 2·6 in Wolverhampton. *Small-pox* caused 27 deaths in Sheffield, 2 in Leeds, and one in Bristol, but not one in London or in any of the twenty-four other large provincial towns.

## LONDON.

In LONDON† 2845 BIRTHS and 1868 DEATHS were registered. Allowing for increase of population, the births were 241, and the deaths 95, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·6 and 23·3 in the two preceding weeks, declined again last week to 22·8.

The 1868 deaths included 25 from measles, 37 from scarlet fever, 28 from diphtheria, 120 from whooping-cough, one from typhus, 28 from enteric fever,

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



2 from ill-defined forms of continued fever, 12 from diarrhoea and dysentery, and not one from small-pox or cholera; thus 253 deaths were referred to these diseases, being 13 above the corrected average weekly number.

No death from *small-pox* was registered in London, the corrected average being 16. The 25 deaths from *measles*, including 5 in Islington sanitary area, were 38 below the average. The 37 fatal cases of *scarlet fever* exceeded the corrected average by 2; 4 belonged to Bethnal Green, 3 to Lambeth, and 5 to Camberwell sanitary areas. The 28 deaths from *diphtheria* exceeded the numbers in recent weeks, and were 12 above the corrected average; 5 belonged to Camberwell sanitary area. The fatal cases of *whooping-cough*, which had been 104 and 130 in the two previous weeks, declined again last week to 120, but were 45 above the average; 42 belonged to the East, 32 to the South, and 30 to the North groups of sanitary areas. The 28 deaths referred to enteric fever showed a further increase upon recent weekly numbers, and were 9 above the corrected average.

DEATHS BELONGING to the SEVERAL SANITARY AREAS of REGISTRATION LONDON registered in the 13 WEEKS ENDING on 31ST DECEMBER, 1887.

| SANITARY AREAS.                                    | Deaths. | Deaths from Principal Zymotic Diseases. |          |                |             |                 |         |                |                             |            | Deaths of Infants under 1 Year of Age. | Deaths under 1 Year to 1000 Births registered. |
|--|---------|---|----------|----------------|-------------|-----------------|---------|----------------|-----------------------------|------------|--|--|
|  |         | Small-pox.                              | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric Fever. | Simple and Undefined Fever. | Diarrhoea. |  |  |
| REGISTRATION LONDON                                | 20,732  | 3                                       | 328      | 656            | 326         | 823             | 4       | 241            | 9                           | 185        | 4748                                   | 145  |
| WEST.  |         |   |          |                |             |                 |         |                |                             |            |  |  |
| Paddington - - - - -                               | 449     | 1                                       | 8        | 13             | 8           | 4               | -       | 4              | -                           | 3          | 85                                     | 117  |
| Kensington - - - - -                               | 711     | -                                       | 15       | 19             | 10          | 14              | -       | 3              | -                           | 10         | 150                                    | 161  |
| Hammer-smith - - - - -                             | 455     | -                                       | 4        | 8              | 14          | 23              | 1       | 7              | 1                           | 4          | 116                                    | 152  |
| Fulham - - - - -                                   | 386     | -                                       | 15       | 12             | 6           | 12              | -       | 6              | -                           | 4          | 108                                    | 149  |
| Chelsea - - - - -                                  | 569     | -                                       | 15       | 12             | 6           | 11              | -       | 13             | -                           | 8          | 125                                    | 157  |
| St. George Hanover Square - - - - -                | 381     | -                                       | 5        | 22             | 6           | 3               | -       | 3              | -                           | 6          | 64                                     | 153  |
| Westminster - - - - -                              | 303     | -                                       | -        | 5              | 6           | 11              | -       | 3              | -                           | 1          | 71                                     | 197  |
| St. James Westminster - - - - -                    | 182     | -                                       | 10       | 3              | -           | 1               | -       | 2              | -                           | 3          | 24                                     | 189  |
| NORTH.   |         |   |          |                |             |                 |         |                |                             |            |  |  |
| Marylebone - - - - -                               | 765     | -                                       | 11       | 16             | 4           | 18              | -       | 7              | 2                           | 5          | 157                                    | 142  |
| Hampstead - - - - -                                | 174     | -                                       | -        | 2              | 2           | -               | -       | -              | -                           | 2          | 35                                     | 107  |
| Paneras - - - - -                                  | 1242    | -                                       | 85       | 83             | 24          | 23              | -       | 9              | -                           | 11         | 298                                    | 162  |
| Islington - - - - -                                | 1410    | -                                       | 22       | 26             | 11          | 79              | -       | 14             | -                           | 11         | 366                                    | 153  |
| Hackney - - - - -                                  | 964     | -                                       | 18       | 52             | 11          | 50              | -       | 17             | 1                           | 5          | 187                                    | 114  |
| CENTRAL.   |         |   |          |                |             |                 |         |                |                             |            |  |  |
| St. Giles - - - - -                                | 296     | 1                                       | 5        | 13             | 14          | 8               | -       | 1              | -                           | 1          | 50                                     | 157  |
| St. Martin-in-the Fields - - - - -                 | 77      | -                                       | -        | 3              | -           | -               | -       | 2              | -                           | 1          | 7                                      | 101  |
| Strand - - - - -                                   | 182     | -                                       | 1        | 4              | 1           | 2               | -       | 5              | -                           | 2          | 27                                     | 157  |
| Holborn - - - - -                                  | 260     | -                                       | 6        | 7              | 6           | 6               | -       | 3              | -                           | 1          | 54                                     | 230  |
| Clerkenwell - - - - -                              | 388     | -                                       | 1        | 8              | 3           | 15              | -       | 9              | 1                           | 2          | 101                                    | 165  |
| St. Luke's - - - - -                               | 282     | -                                       | 2        | 8              | 3           | 3               | -       | 6              | -                           | 3          | 69                                     | 145  |
| London City - - - - -                              | 250     | -                                       | 1        | 1              | 2           | 4               | -       | 1              | -                           | -          | 36                                     | 180  |
| EAST.  |         |   |          |                |             |                 |         |                |                             |            |  |  |
| Shoreditch - - - - -                               | 751     | -                                       | 3        | 25             | 2           | 62              | -       | 9              | -                           | 6          | 212                                    | 189  |
| Bethnal Green - - - - -                            | 868     | -                                       | 13       | 33             | 9           | 67              | 2       | 12             | -                           | 3          | 231                                    | 182  |
| Whitechapel - - - - -                              | 426     | -                                       | 3        | 11             | 3           | 19              | -       | 4              | -                           | 9          | 108                                    | 173  |
| St. George-in-the-East - - - - -                   | 305     | -                                       | 2        | 1              | 4           | 15              | -       | 4              | -                           | 5          | 68                                     | 148  |
| Stepney - - - - -                                  | 379     | -                                       | 4        | 17             | 8           | 17              | -       | 4              | 1                           | 4          | 110                                    | 227  |
| Mile End Old Town - - - - -                        | 549     | -                                       | 5        | 16             | 5           | 73              | -       | 7              | -                           | 1          | 127                                    | 150  |
| Poplar - - - - -                                   | 854     | -                                       | 7        | 17             | 10          | 66              | -       | 10             | -                           | 8          | 207                                    | 144  |
| SOUTH.   |         |   |          |                |             |                 |         |                |                             |            |  |  |
| St. Saviour Southwark - - - - -                    | 175     | -                                       | 4        | 7              | -           | 1               | -       | 2              | -                           | 2          | 40                                     | 168  |
| St. George Southwark - - - - -                     | 373     | -                                       | 3        | 30             | 5           | 5               | -       | 3              | -                           | 3          | 94                                     | 176  |
| Newington - - - - -                                | 598     | -                                       | 6        | 40             | 11          | 19              | -       | 3              | -                           | 4          | 128                                    | 128  |
| St. Olave Southwark - - - - -                      | 62      | -                                       | -        | 2              | 2           | 2               | -       | 1              | -                           | -          | 21                                     | 233  |
| Bernardsey - - - - -                               | 506     | -                                       | 19       | 28             | 3           | 13              | -       | 2              | 1                           | 8          | 163                                    | 129  |
| Rotherhithe - - - - -                              | 232     | -                                       | 2        | 12             | 3           | 10              | -       | 2              | -                           | 1          | 49                                     | 171  |
| Lambeth - - - - -                                  | 1270    | 1                                       | 15       | 55             | 36          | 34              | -       | 16             | 1                           | 17         | 265                                    | 117  |
| Wandsworth - - - - -                               | 1119    | -                                       | 9        | 41             | 37          | 54              | 1       | 8              | -                           | 6          | 269                                    | 114  |
| Camberwell - - - - -                               | 1057    | -                                       | 13       | 53             | 20          | 29              | -       | 17             | -                           | 9          | 229                                    | 120  |
| Greenwich - - - - -                                | 779     | -                                       | 19       | 12             | 15          | 11              | -       | 10             | 1                           | 9          | 181                                    | 135  |
| Lewisham (excluding Penge) - - - - -               | 289     | -                                       | 21       | 7              | 7           | 11              | -       | 3              | -                           | -          | 56                                     | 135  |
| Woolwich - - - - -                                 | 195     | -                                       | 3        | -              | 1           | 12              | -       | 2              | -                           | 1          | 49                                     | 152  |
| Plumstead (including Motting-ham Hamlet) - - - - - | 306     | -                                       | 3        | 2              | 11          | 19              | -       | 4              | -                           | 3          | 70                                     | 101  |

In the above Table the deaths in Hospitals and in other Public Institutions (including 59 in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals also situated outside Registration London) have been distributed to the sanitary areas from which the deceased inmates were admitted. The deaths of 278 non-residents who died in Public Institutions inside London have been excluded from the Table.



## GREATER LONDON.

In Greater London 3758 births and 2370 deaths were registered, corresponding to annual rates of 35·5 and 22·4 per 1000 of the population. In the Outer Ring 45 deaths from whooping-cough, 11 from measles, 7 from "fever," and 6 from diphtheria, were registered. In the registration sub-district of West Ham the 79 deaths from all causes included 9 from whooping-cough, 7 from measles, and 4 from "fever"; 9 fatal cases of whooping-cough were registered in Stratford sub-district.

## METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 in.; the lowest reading was 29·15 in. on Monday afternoon, and the highest 30·26 in. at the end of the week. The mean temperature of the *air* was 40°·2, and 2°·4 above the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on Sunday, whereas it showed an excess on each of the other days of the week. The general direction of the *wind* was Southerly, and the horizontal movement of the air averaged 12·4 miles per hour, which was 0·8 of a mile below the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·40 of an inch. The duration of registered bright sunshine in the week was 4·1 hours, against 4·5 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of December 1887; according to their returns 153,157,994 gallons or 695,867 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 209 gallons (95·0 decalitres), rather less than a *ton* by weight, to each house, and 26·8 gallons (12·2 decalitres) to each person, against 27·6 gallons during December 1886.

| COMPANIES.                            | Number of Houses, &c.<br>supplied in |                    | Average daily Supply of Water<br>in Gallons. |                    |
|---------------------------------------|--------------------------------------|--------------------|--|--------------------|
|                                       | DECEMBER.<br>1886.                   | DECEMBER.<br>1887. | DECEMBER.<br>1886.                           | DECEMBER.<br>1887. |
| TOTAL SUPPLY . . . .                  | 720,383                              | 733,128            | 155,203,618                                  | 153,157,994        |
| From Thames . . . . .                 | 347,087                              | 353,300            | 78,044,582                                   | 77,400,890         |
| From Lea and from other Sources . . . | 373,296                              | 379,828            | 77,159,036                                   | 75,667,304         |
| THAMES.                               |                                      |                    |  |                    |
| Chelsea . . . . .                     | 34,210                               | 34,402             | 9,192,137                                    | 9,229,585          |
| West Middlesex . . . . .              | 68,486                               | 69,908             | 14,034,050                                   | 14,313,888         |
| Southwark and Vauxhall . . . . .      | 107,191                              | 108,741            | 22,015,873                                   | 22,898,834         |
| Grand Junction . . . . .              | 52,794                               | 53,831             | 15,598,322                                   | 15,519,083         |
| Lambeth . . . . .                     | 84,406                               | 86,418             | 17,204,200                                   | 15,529,300         |
| LEA AND OTHER SOURCES.                |                                      |                    |  |                    |
| New River . . . . .                   | 148,954                              | 149,457            | 27,420,000                                   | 27,002,020         |
| East London . . . . .                 | 157,100                              | 160,252            | 37,996,009                                   | 37,886,729         |
| Kent . . . . .                        | 68,136                               | 70,119             | 11,743,027                                   | 10,768,575         |

*Note.*—The Return for December 1887, as compared with that for the corresponding month of 1886, shows an increase of 12,745 houses, and a decrease of 2,045,624 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING DECEMBER.

Grove House, Pembroke Square, W.,  
6th January, 1888.

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of December.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·8, Colne Valley 0·9, New River 1·2, Tottenham 1·4, East London 2·8, Lambeth 3·0, Grand Junction 3·1, West Middlesex 3·1, Southwark 3·2, Chelsea 3·5.

The Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies contained an appreciably smaller average proportion of organic matter than in the previous month, the actual amount present in each sample being very moderate indeed for this season of the year. All the samples were clear and bright.

The water derived principally from the river Lea, and distributed by the New River Company contained, as for many months past, only a very small proportion of organic matter; the East London Company's water also contained less organic matter than any of the Thames waters. Both waters were clear and bright on delivery.



The deep-well water of the Kent and Colne Valley Companies exhibited its usual purity, and the Colne Valley Company, by softening their supply with lime, thereby rendered it also of excellent quality for washing and all other domestic purposes.

The sample of the Tottenham supply, although containing only a very small quantity of organic matter was slightly turbid, and the suspended matter exhibited moving organisms under the microscope.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, and Colne Valley, clear and colourless; New River, clear and nearly colourless; Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, and East London, clear and pale yellow; Tottenham, slightly turbid and nearly colourless.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports of the water supplied to that town "that the freedom from organic impurity was well maintained."

Dr. Mills, F.R.S., of Anderson's College, Glasgow, reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

I am, &c.

The Registrar General, &c. &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES. |                                 | Date<br>and Place of Collection.                                    | Temperature in<br>Centigrade degrees. | Total Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|------------------------------------|---------------------------------|---|---------------------------------------|------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                      | THAMES.                         |   |                                       |                        |                 |                   |          |  |                             |           |                 |
|                                    | Chelsea                         | { December 14th,<br>Cab Rank, Horseguards,<br>Whitehall. }          | 6·8                                   | 29·80                  | ·180            | ·024              | 0        | ·276                                     | ·300                        | 2·1       | 20·0            |
|                                    | West Middlesex                  | { December 14th,<br>Cab Rank, Portland-road. }                      | 7·5                                   | 29·92                  | ·156            | ·029              | 0        | ·285                                     | ·314                        | 2·0       | 20·0            |
|                                    | Southwark                       | { December 14th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. } | 7·5                                   | 29·84                  | ·164            | ·022              | 0        | ·283                                     | ·305                        | 1·9       | 20·3            |
|                                    | Grand Junction                  | { December 14th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. } | 6·5                                   | 30·00                  | ·161            | ·023              | 0        | ·295                                     | ·318                        | 1·9       | 20·6            |
|                                    | Lambeth                         | { December 14th,<br>Cab Rank, St. George's-<br>road, Southwark. }   | 7·0                                   | 30·60                  | ·158            | ·021              | 0        | ·277                                     | ·298                        | 2·1       | 20·3            |
| Outer Circle.                      | LEA.                            |   |                                       |                        |                 |                   |          |  |                             |           |                 |
|                                    | New River                       | { December 14th,<br>Cab Rank, Tottenham<br>Court-road. }            | 6·5                                   | 30·44                  | ·057            | ·014              | 0        | ·316                                     | ·330                        | 1·7       | 22·4            |
|                                    | East London                     | { December 14th,<br>Fire Brigade Station,<br>Commercial-road, E. }  | 7·2                                   | 35·60                  | ·143            | ·020              | 0        | ·316                                     | ·336                        | 2·1       | 24·5            |
|                                    | DEEP WELLS.                     |   |                                       |                        |                 |                   |          |  |                             |           |                 |
|                                    | Kent                            | { December 14th,<br>Mill Lane, Deptford. }                          | 12·5                                  | 40·96                  | ·039            | ·010              | 0        | ·434                                     | ·444                        | 2·4       | 29·7            |
|                                    | Colne Valley                    | { December 19th,<br>Bushey. }                                       | —                                     | 15·40                  | ·042            | ·012              | ·001     | ·398                                     | ·411                        | 1·8       | 5·7             |
|                                    | Tottenham                       | { December 19th,<br>Tottenham. }                                    | —                                     | 41·82                  | ·066            | ·019              | ·035     | ·340                                     | ·388                        | 2·8       | 22·1            |
|                                    | Corporation of Birming-<br>ham* | { December 5th,<br>75, Islington-row. }                             | 7·7                                   | 31·28                  | ·149            | ·018              | ·001     | ·308                                     | ·327                        | 1·7       | 26·3            |
|                                    | Corporation of Glasgow†         | { December 15th,<br>Loch Katrine Water. }                           | 5·0                                   | 2·70                   | ·231            | ·035              | 0        | ·005                                     | ·040                        | ·7        | 1·1             |
| Column 1.                          |                                 |   | 3.                                    | 4.                     | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

The numbers in columns 4–11 all relate to 100,000 parts of the waters. The Table is to be read thus:—the Chelsea Company's water, collected on the 14th December at the Horseguards cab-rank, had a temperature of 6°·8 C.; 100,000 lbs. of it contained 29·80 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·180 lb. of carbon and ·024 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·276 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·300 lb. The above weight of water also contained 2·1 lb. of chlorine; and 20·0 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.



TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 7th January, 1888.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1885. | Registered during<br>the Week ending<br>7th Jan., 1888. |         | The DEATHS registered in the Week include       |            |          |                   |             |                     |        |            |           |                                      |                                |   | TEMPERATURE OF THE AIR.            |                         |         |             |            |                      | RAINFALL.   |       | CITIES<br>AND<br>BOROUGH. |             |     |                |   |                |
|---------------------------|---|---|---------|---|------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|--------------------------------------|--------------------------------|---|------------------------------------|-------------------------|---------|-------------|------------|----------------------|-------------|-------|---------------------------|-------------|-----|----------------|---|----------------|
|                           |   | BIRTHS.   | DEATHS. | Deaths of<br>Persons aged<br>1 Year or<br>under | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Deaths in<br>Public<br>Institutions. | Unofficial<br>Causes of Death. | Annual Rate<br>per 1,000 living<br>corrected for<br>the Week's Deaths |                                    | TEMPERATURE OF THE AIR. |         |             | In Inches. | In Centi-<br>metres. |             |       |                           |             |     |                |   |                |
|                           |   |   |         |   |            |          |                   |             |                     |        |            |           |                                      |                                | From All<br>Causes.   | From<br>Diseases in<br>Cols. 6-12. | Highest.                | Lowest. | Fahrenheit. |            |                      | Fahrenheit. | Mean. |                           | Centigrade. |     |                |   |                |
| 28 TOWNS*                 | 9,388,273   | 6338  | 4279    | 885   | 1082       | 30       | 67                | 90          | 42                  | 163    | 53         | 28        | 133                                  | 310                            | 653   | 96                                 | 23.8                    | 2.7     | 51.9        | 22.1       | 39.4                 | 4.11        | 0.44  | 1.12                      | 23.         | 24. | Cols.          | - | 28 TOWNS.      |
| LONDON*                   | 4,282,921   | 2845  | 1808    | 387   | 465        | -        | 25                | 37          | 28                  | 120    | 31         | 12        | 65                                   | 156                            | 366   | 24                                 | 23.8                    | 3.1     | 49.5        | 22.1       | 40.2                 | 4.56        | 0.40  | 1.02                      | 23.         | 24. | LONDON.        | - | LONDON.        |
| BRIGHTON                  | 119,983   | 51  | 34      | 5   | 12         | -        | -                 | -           | -                   | 2      | -          | -         | -                                    | 2                              | -   | 1                                  | 14.8                    | 0.9     | 46.7        | 28.0       | 40.0                 | 4.44        | 0.64  | 1.63                      | 23.         | 24. | BRIGHTON.      | - | BRIGHTON.      |
| PORTSMOUTH                | 189,575   | 112   | 76      | 17  | 27         | -        | -                 | -           | -                   | 1      | -          | -         | -                                    | 4                              | -   | -                                  | 23.3                    | 2.2     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | PORTSMOUTH.    | - | PORTSMOUTH.    |
| NORWICH                   | 98,675  | 67  | 42      | 14  | 15         | -        | -                 | -           | -                   | 4      | -          | -         | -                                    | 1                              | 5   | 1                                  | 23.3                    | 2.0     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | NORWICH.       | - | NORWICH.       |
| PLYMOUTH                  | 77,674  | 48  | 60      | 13  | 15         | -        | 2                 | -           | -                   | -      | -          | 1         | 4                                    | 8                              | 4   | -                                  | 40.3                    | 2.0     | 51.0        | 33.0       | 42.6                 | 5.89        | 1.24  | 3.15                      | 23.         | 24. | PLYMOUTH.      | - | PLYMOUTH.      |
| BRISTOL                   | 226,510   | 136   | 101     | 14  | 36         | 1        | -                 | -           | 1                   | 1      | -          | 1         | 2                                    | 7                              | 12  | 1                                  | 23.3                    | 0.7     | 49.5        | 26.2       | 40.9                 | 4.94        | 0.76  | 1.83                      | 23.         | 24. | BRISTOL.       | - | BRISTOL.       |
| WOLVERHAMPTON             | 81,691  | 69  | 50      | 12  | 14         | -        | -                 | 1           | -                   | 4      | -          | -         | 3                                    | 7                              | 7   | -                                  | 31.9                    | 3.2     | 45.7        | 23.2       | 35.4                 | 1.89        | 0.22  | 0.71                      | 23.         | 24. | WOLVERHAMPTON. | - | WOLVERHAMPTON. |
| BIRMINGHAM                | 447,312   | 288   | 167     | 82  | 40         | -        | 14                | 1           | 2                   | 5      | 1          | -         | 6                                    | 23                             | 13  | 5                                  | 19.5                    | 2.7     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | BIRMINGHAM.    | - | BIRMINGHAM.    |
| LEICESTER*                | 146,790   | 123   | 68      | 15  | 13         | -        | 1                 | -           | -                   | 5      | 1          | -         | 1                                    | 3                              | 9   | 1                                  | 24.2                    | 2.5     | 48.6        | 27.4       | 38.4                 | 3.56        | 0.22  | 0.56                      | 23.         | 24. | LEICESTER.     | - | LEICESTER.     |
| NOTTINGHAM*               | 230,921   | 168   | 94      | 23  | 24         | -        | 8                 | -           | -                   | 2      | 2          | -         | 3                                    | 7                              | 4   | 3                                  | 21.2                    | 2.7     | 46.6        | 26.8       | 37.1                 | 2.83        | 0.23  | 0.58                      | 23.         | 24. | NOTTINGHAM.    | - | NOTTINGHAM.    |
| DERBY                     | 96,241  | 67  | 38      | 6   | 10         | -        | 1                 | 2           | -                   | 3      | 1          | 2         | 1                                    | 4                              | 3   | 1                                  | 20.6                    | 4.9     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | DERBY.         | - | DERBY.         |
| BIRKENHEAD                | 100,693   | 57  | 46      | 12  | 10         | -        | 1                 | 2           | -                   | 1      | -          | 2         | 1                                    | 4                              | 3   | -                                  | 24.0                    | 2.1     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | BIRKENHEAD.    | - | BIRKENHEAD.    |
| LIVERPOOL                 | 559,788   | 397   | 288     | 50  | 68         | -        | -                 | 2           | 2                   | 6      | 2          | 2         | 12                                   | 16                             | 22  | 14                                 | 25.1                    | 1.2     | 51.9        | 28.4       | 41.6                 | 5.33        | 0.46  | 1.17                      | 23.         | 24. | LIVERPOOL.     | - | LIVERPOOL.     |
| BOLTON                    | 113,506   | 68  | 60      | 19  | 9          | -        | 4                 | 2           | 1                   | 2      | 1          | 1         | 1                                    | 4                              | 3   | 2                                  | 27.6                    | 5.1     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | BOLTON.        | - | BOLTON.        |
| MANCHESTER                | 378,164   | 267   | 258     | 47  | 58         | -        | 1                 | 8           | -                   | 4      | 5          | 3         | 6                                    | 15                             | 53  | 4                                  | 35.6                    | 2.9     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | MANCHESTER.    | - | MANCHESTER.    |
| SALFORD*                  | 225,336   | 121   | 109     | 27  | 19         | -        | 6                 | 1           | -                   | 3      | 1          | 1         | 3                                    | 4                              | 9   | 5                                  | 25.1                    | 3.9     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | SALFORD.       | - | SALFORD.       |
| OLDHAM                    | 138,220   | 80  | 66      | 18  | 14         | -        | 3                 | -           | -                   | 3      | -          | 1         | 1                                    | 1                              | 3   | 5                                  | 24.9                    | 2.6     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | OLDHAM.        | - | OLDHAM.        |
| BLACKBURN                 | 113,659   | 81  | 65      | 10  | 17         | -        | 2                 | 4           | -                   | -      | 1          | 1         | 1                                    | 2                              | 7   | 3                                  | 28.5                    | 3.5     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | BLACKBURN.     | - | BLACKBURN.     |
| PRESTON                   | 103,224   | 80  | 58      | 14  | 14         | -        | 3                 | 1           | 2                   | 1      | 1          | -         | 1                                    | 2                              | 4   | 1                                  | 29.3                    | 3.5     | 47.0        | 29.0       | 38.8                 | 3.78        | 0.51  | 1.30                      | 23.         | 24. | PRESTON.       | - | PRESTON.       |
| HUDDESFIELD               | 91,419  | 73  | 33      | 11  | 12         | -        | -                 | 3           | -                   | -      | -          | -         | -                                    | 1                              | 1   | 2                                  | 18.8                    | 1.7     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | HUDDESFIELD.   | - | HUDDESFIELD.   |
| HALIFAX                   | 80,138  | 42  | 39      | 7   | 11         | -        | -                 | 2           | -                   | 1      | 1          | -         | -                                    | -                              | 2   | 3                                  | 25.4                    | 2.6     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | HALIFAX.       | - | HALIFAX.       |
| BRADFORD*                 | 229,721   | 117   | 78      | 15  | 18         | -        | 2                 | 3           | -                   | 1      | -          | 1         | 3                                    | 7                              | 10  | 1                                  | 17.7                    | 1.6     | 47.0        | 28.6       | 39.9                 | 4.39        | 0.25  | 0.63                      | 23.         | 24. | BRADFORD.      | - | BRADFORD.      |
| LEEDS                     | 351,210   | 235   | 161     | 31  | 52         | -        | 2                 | 4           | -                   | 2      | 4          | 2         | 2                                    | 3                              | 12  | 20                                 | 23.9                    | 2.4     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | LEEDS.         | - | LEEDS.         |
| SHEFFIELD                 | 321,711   | 229   | 163     | 37  | 37         | 27       | -                 | 10          | -                   | 1      | -          | 3         | 3                                    | 22                             | 12  | 26.4                               | 6.2                     | -       | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | SHEFFIELD.     | - | SHEFFIELD.     |
| HULL                      | 292,359   | 135   | 77      | 17  | 20         | -        | -                 | 2           | 1                   | 2      | -          | -         | 1                                    | 2                              | 7   | 3                                  | 19.9                    | 1.3     | 48.0        | 28.0       | 37.5                 | 3.06        | 0.24  | 0.61                      | 23.         | 24. | HULL.          | - | HULL.          |
| SUNDERLAND                | 131,919   | 88  | 52      | 8   | 17         | -        | -                 | 2           | -                   | 2      | -          | -         | 5                                    | 7                              | 9   | 1                                  | 20.6                    | 0.8     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | SUNDERLAND.    | - | SUNDERLAND.    |
| NEWCASTLE*                | 118,003   | 118   | 76      | 22  | 23         | -        | -                 | 2           | 1                   | 2      | -          | -         | 1                                    | 2                              | 4   | 2                                  | 24.9                    | 1.6     | 50.0        | 33.0       | 40.2                 | 4.56        | 0.05  | 0.13                      | 23.         | 24. | NEWCASTLE.     | - | NEWCASTLE.     |
| CARDIFF*                  | 108,570   | 87  | 52      | 12  | 12         | -        | -                 | -           | 2                   | -      | -          | -         | 1                                    | 2                              | 8   | -                                  | 25.0                    | 1.0     | -           | -          | -                    | -           | -     | -                         | 23.         | 24. | CARDIFF.       | - | CARDIFF.       |
| EDINBURGH                 | 262,783   | 162   | 165     | 35  | 39         | -        | 13                | 1           | 2                   | 1      | 1          | 3         | 6                                    | ?                              | 27  | 30                                 | 30.4                    | 3.2     | 53.0        | 28.5       | 41.8                 | 5.44        | 0.46  | 1.17                      | 23.         | 24. | EDINBURGH.     | - | EDINBURGH.     |
| GLASGOW                   | 526,088   | 376   | 273     | 56  | 60         | -        | 1                 | 2           | 1                   | 15     | 2          | 8         | 11                                   | ?                              | 27  | 35                                 | 27.1                    | 2.9     | 55.6        | 29.0       | 41.2                 | 5.11        | 1.23  | 3.12                      | 23.         | 24. | GLASGOW.       | - | GLASGOW.       |
| DUBLIN                    | 383,082   | 190   | 261     | 38  | 71         | -        | 2                 | 9           | -                   | 7      | 7          | 6         | 9                                    | 11                             | 61  | 34                                 | 38.6                    | 4.9     | 52.8        | 31.2       | 42                   | 5           | 0.63  | 1.73                      | 23.         | 24. | DUBLIN.        | - | DUBLIN.        |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIRST Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2878 | 2899 | 2570 | 2913 | 2799 | 3044 | 2926 | 2816 | 2653 | 2804 | 3086·2   | 2845 |
| Males . . .         | 1460 | 1471 | 1278 | 1533 | 1412 | 1598 | 1503 | 1415 | 1335 | 1366 | 1560·5   | 1484 |
| Females . .         | 1418 | 1428 | 1292 | 1380 | 1387 | 1506 | 1423 | 1401 | 1318 | 1438 | 1525·7   | 1361 |
| <b>TOTAL Deaths</b> | 1892 | 1900 | 1754 | 1510 | 1858 | 1556 | 1663 | 1956 | 1784 | 2127 | 1962·8   | 1868 |
| Males . . .         | 926  | 894  | 867  | 751  | 983  | 831  | 844  | 945  | 916  | 1023 | 979·2  | 941  |
| Females . .         | 966  | 1006 | 887  | 759  | 875  | 725  | 819  | 1011 | 868  | 1104 | 983·6  | 924  |

\* The numbers in this column are the average weekly numbers in the first weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Oct.<br>15. | Oct.<br>22. | Oct.<br>29. | Nov.<br>5. | Nov.<br>12. | Nov.<br>19. | Nov.<br>26. | Dec.<br>3. | Dec.<br>10. | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. |
|--|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|
| <b>TOTAL Births</b>                      | 2358        | 2563        | 2581        | 2593       | 2634        | 2459        | 2632        | 2599       | 2497        | 2516        | 2406        | 2326        | 2815       |
| <b>TOTAL Deaths</b>                      | 1351        | 1566        | 1738        | 1735       | 1564        | 1638        | 1862        | 1705       | 1577        | 1625        | 1502        | 1882        | 1868       |
| 0—20                                     | 608         | 683         | 822         | 820        | 786         | 757         | 884         | 792        | 768         | 755         | 764         | 893         | 860        |
| 20—40                                    | 187         | 223         | 210         | 212        | 190         | 252         | 237         | 199        | 202         | 196         | 171         | 216         | 202        |
| 40—60                                    | 270         | 305         | 310         | 304        | 252         | 273         | 292         | 282        | 245         | 291         | 227         | 324         | 341        |
| 60—80                                    | 223         | 278         | 327         | 321        | 271         | 298         | 374         | 361        | 300         | 316         | 280         | 361         | 379        |
| at 80 years & upwds.                     | 63          | 77          | 69          | 78         | 65          | 58          | 75          | 71         | 67          | 67          | 60          | 88          | 86         |
| Deaths of children {                     |             |             |             |            |             |             |             |            |             |             |             |             |            |
| Under 1 year                             | 287         | 323         | 394         | 393        | 396         | 379         | 423         | 358        | 345         | 342         | 362         | 458         | 387        |
| 1—5                                      | 211         | 245         | 287         | 302        | 279         | 263         | 323         | 314        | 507         | 306         | 294         | 325         | 351        |
| 5—20                                     | 110         | 115         | 141         | 125        | 111         | 115         | 136         | 120        | 111         | 107         | 103         | 110         | 122        |
| Deaths from Small-pox                    | —           | —           | 1           | —          | 1           | —           | 1           | —          | —           | —           | —           | —           | —          |
| " " Measles                              | 14          | 18          | 33          | 30         | 38          | 25          | 27          | 26         | 32          | 17          | 30          | 28          | 25         |
| " " Scarlet fever                        | 56          | 58          | 60          | 69         | 62          | 41          | 54          | 54         | 42          | 41          | 39          | 40          | 37         |
| " " Diphtheria                           | 22          | 21          | 31          | 19         | 30          | 25          | 31          | 28         | 27          | 23          | 24          | 22          | 28         |
| " " Whooping-cough                       | 27          | 36          | 44          | 44         | 33          | 54          | 75          | 67         | 70          | 106         | 104         | 130         | 120        |
| " " Typhus                               | —           | —           | 1           | —          | 1           | 1           | —           | 1          | —           | —           | —           | —           | 1          |
| " " Enteric fever                        | 17          | 17          | 16          | 25         | 17          | 23          | 18          | 23         | 30          | 18          | 15          | 19          | 23         |
| " " Simple Cont'd fever                  | —           | 1           | —           | 1          | —           | 1           | —           | —          | 1           | 2           | 1           | —           | 2          |
| " " Diarrhea and Dysentery               | 24          | 11          | 16          | 20         | 12          | 11          | 18          | 14         | 12          | 12          | 8           | 12          | 12         |
| " " Cholera                              | —           | —           | —           | —          | —           | —           | —           | —          | —           | —           | —           | —           | —          |
| Deaths from the above-mentioned Diseases | 160         | 162         | 202         | 208        | 194         | 181         | 224         | 213        | 214         | 219         | 221         | 251         | 253        |
| " " Dis. of Respiratory System           | 280         | 370         | 485         | 506        | 438         | 461         | 560         | 455        | 408         | 413         | 357         | 442         | 502        |
| " " Phthisis                             | 133         | 164         | 168         | 162        | 130         | 177         | 169         | 131        | 138         | 145         | 129         | 162         | 161        |
| " " Dis. of Circulatory System           | 128         | 151         | 154         | 125        | 113         | 139         | 139         | 160        | 125         | 113         | 133         | 142         | 166        |
| Violent Deaths                           | 58          | 61          | 66          | 49         | 44          | 60          | 56          | 64         | 49          | 53          | 46          | 74          | 65         |
| Inquest Cases                            | 117         | 128         | 133         | 116        | 104         | 122         | 132         | 148        | 105         | 122         | 113         | 165         | 156        |
| Deaths in Public Institutions            | 281         | 327         | 376         | 368        | 308         | 380         | 385         | 386        | 317         | 373         | 316         | 380         | 366        |
| TEMPERATURE OF THE AIR                   |             |             |             |            |             |             |             |            |             |             |             |             |            |
| Mean                                     | 41·1        | 43·3        | 43·1        | 45·4       | 45·3        | 34·1        | 38·7        | 43·3       | 40·4        | 41·7        | 34·9        | 32·1        | 40·2       |
| Mean of Highest readings                 | 48·6        | 51·7        | 51·3        | 52·0       | 49·3        | 38·7        | 42·6        | 47·8       | 45·6        | 46·2        | 38·0        | 35·4        | 44·8       |
| Mean of Lowest readings                  | 35·0        | 35·0        | 34·7        | 39·3       | 41·9        | 29·4        | 33·6        | 38·5       | 35·4        | 36·3        | 31·1        | 28·0        | 35·4       |
| Humidity of the Air                      | 87          | 84          | 79          | 85         | 91          | 88          | 91          | 87         | 84          | 88          | 89          | 79          | 88         |
| Rain-fall in inches                      | 0·36        | 0·00        | 0·29        | 1·82       | 0·99        | 0·53        | 0·31        | 0·48       | 0·47        | 0·81        | 0·17        | 0·02        | 0·40       |
| Registered Sunshine (in hours)           | 10·1        | 13·4        | 25·7        | 25·5       | 6·4         | 11·0        | 0·2         | 7·4        | 2·9         | 5·8         | 1·9         | 6·2         | 4·1        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotham, Wrotham; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIRST Week of the Year 1888.

| CAUSES OF DEATH.  | Corrected Averages for the 1st Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 7th January 1888. |           |      |       |                  |                  |                  |                       | Corrected Averages for the 1st Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 7th January 1888. |           |      |       |                  |                  |                  |                       |
|---|--|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|
|   |  | Deaths of Persons of the Ages                  |           |      |       |                  |                  |                  |                       |  | Deaths of Persons of the Ages                  |           |      |       |                  |                  |                  |                       |
|   |  | ALL AGES.                                      | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  | ALL AGES.                                      | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |
|   |  |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |
| ALL CAUSES - -  | 1962·8   | 1868   | 387       | 351  | 122   | 202              | 341              | 379              | 36                    |  |  |           |      |       |                  |                  |                  |                       |
| Small-pox { Vaccinated† - - -<br>Unvaccinated - - -<br>No Statement | 15·3 {   | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Measles - - -   | 62·7   | 25   | 2         | 22   | 1     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Scarlet Fever - - -   | 35·0   | 37   | 3         | 23   | 10    | -                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Typhus - - -  | 0·5  | 1  | -         | 1    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Relapsing Fever † - -   | 0·0  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Influenza - - -   | 0·4  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Whooping-cough - -  | 74·5   | 120  | 40        | 73   | 7     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Diphtheria - - -  | 16·2   | 28   | 3         | 19   | 5     | -                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Simple Continued and Ill-defined Fever - -                          | 3·4  | 2  | -         | 1    | 1     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Enteric Fever - - -   | 18·9   | 28   | -         | 1    | 13    | 11               | 3                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Cholera - - -   | 0·3  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Diarrhoea, Dysentery -  | 13·1   | 12   | 7         | 2    | -     | -                | 2                | 1                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Remittent Fever† - -  | 0·2  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Hydrophobia - - -   | 0·0  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Glanders - - -  | 0·0  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Cowpox and Effects of Vaccination † - -                             | 0·0  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Veneral Affections -  | 11·3   | 11   | 8         | -    | -     | 2                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Erysipelas - - -  | 8·2  | 8  | 3         | -    | -     | 3                | 2                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Pyæmia and Septicæmia †   | 2·6  | 3  | 1         | 1    | -     | 1                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Puerperal Fever - - -   | 8·6  | 10   | -         | -    | 10    | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Other Zymotic Diseases †  | 2·5  | 1  | 1         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Thrush - - -  | 1·4  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Worms and other Parasitical Diseases - -                            | 0·5  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Starvation, Want of Breast-milk † - -                               | 3·0  | 2  | -         | -    | 1     | -                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Alcoholism - - -  | 6·3  | 6  | -         | -    | 3     | 1                | 2                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Rheumatic Fever and Rheumatism of Heart                             | 12·2 {   | 16   | -         | -    | 5     | 5                | 4                | 1                | 1                     |  |  |           |      |       |                  |                  |                  |                       |
| Rheumatism - - -  |  | 2  | -         | -    | -     | 1                | -                | 1                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Gout - - -  | 3·1  | 4  | -         | -    | -     | 1                | 2                | 1                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Rickets † - - -   | 2·3  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Cancer - - -  | 57·3   | 53   | -         | 1    | 5     | 23               | 18               | 1                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Tubæ Mesenterica -  | 24·1   | 29   | 11        | 13   | 3     | 2                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Tubercular Meningitis   | 25·8   | 17   | 6         | 7    | 3     | -                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Phthisis - - -  | 181·0  | 161  | 1         | 6    | 14    | 66               | 61               | 12               | 1                     |  |  |           |      |       |                  |                  |                  |                       |
| Scrophula, Tuberculosis   | 13·0   | 14   | 3         | 7    | 4     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Other Constitutional Diseases † - -                                 | 11·6   | 9  | 1         | -    | 3     | 2                | 2                | 1                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Premature Birth - - -   | 38·5   | 39   | 39        | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Astelectasis † - - -  | 1·8  | 4  | 4         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Congenital Malformations - -  | 8·4  | 6  | 6         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Old Age - - -   | 71·4   | 64   | -         | -    | -     | 1                | 30               | 33               | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Apoplexy - - -  | 51·5   | 56   | -         | -    | 3     | 24               | 26               | 3                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Epilepsy - - -  | 7·4  | 7  | -         | -    | 2     | 2                | 3                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Convulsions - - -   | 57·2   | 48   | 43        | 5    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Other Diseases of Brain and Nervous System                          | 101·8  | 97   | 11        | 16   | 5     | 8                | 18               | 30               | 9                     |  |  |           |      |       |                  |                  |                  |                       |
| Diseases of Organs of Special Sense † - -                           | 2·3  | 2  | 1         | -    | -     | 1                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Diseases of Circulatory System - - -                                | 137·4  | 166  | 2         | 1    | 13    | 21               | 45               | 74               | 10                    |  |  |           |      |       |                  |                  |                  |                       |
| Croup - - -   | 15·7   | 14   | -         | 11   | 3     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Bronchitis - - -  | 351·7  | 319  | 56        | 63   | 3     | 10               | 88               | 103              | 21                    |  |  |           |      |       |                  |                  |                  |                       |
| Pneumonia - - -   | 117·7  | 123  | 33        | 38   | 10    | 14               | 20               | 11               | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Pleurisy - - -  | 6·8  | 4  | -         | -    | -     | 2                | 1                | 1                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Other Diseases of Respiratory System - -                            | 53·8   | 39   | 8         | 9    | 3     | 4                | 6                | 6                | 3                     |  |  |           |      |       |                  |                  |                  |                       |
| Dentition † - - -   | 13·0   | 17   | 9         | 8    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Quinsy, Sore Throat †   | 1·9  | 5  | 3         | 2    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Enteritis - - -   | 5·9  | 6  | 4         | -    | -     | 1                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Peritonitis - - -   | 6·2  | 5  | 1         | -    | 2     | 1                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Diseases of Liver - -   | 32·9   | 18   | 5         | -    | -     | 4                | 7                | 4                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Other Diseases of Digestive System - -                              | 33·1   | 32   | 3         | -    | 1     | 5                | 10               | 13               | 2                     |  |  |           |      |       |                  |                  |                  |                       |
| Diseases of Lymphatic System & of Ductless Glands † - -             | 2·5  | 1  | 1         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Diseases of Urinary System - - -                                    | 41·6   | 50   | -         | 1    | 3     | 6                | 16               | 24               | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Diseases of Generative System - - -                                 | 4·9  | 7  | -         | -    | -     | 1                | 3                | 3                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Accidents of Childbirth - - -                                       | 5·0  | 3  | -         | -    | -     | 2                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Diseases of Locomotive System † - - -                               | 8·5  | 9  | -         | 3    | 4     | 2                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Diseases of Integumentary System - - -                              | 5·7  | 3  | -         | -    | 1     | -                | 1                | 1                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| <b>VIOLENT DEATHS.‡</b>   |  |  |           |      |       |                  |                  |                  |                       |  |  |           |      |       |                  |                  |                  |                       |
| ACCIDENT.)  |  |  |           |      |       |                  |                  |                  |                       |  |  |           |      |       |                  |                  |                  |                       |
| Fracture and Contusion  | 26·2   | 10   | -         | -    | -     | 5                | 2                | 3                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Gunshot Wound - - -   | 0·1  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Cut, Stab - - -   | 0·5  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Burn and Scald - - -  | 10·6   | 12   | 1         | 5    | 2     | -                | -                | 4                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Poison - - -  | 2·0  | 3  | -         | 1    | -     | -                | 2                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Drowning - - -  | 4·8  | 4  | -         | -    | -     | 3                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Suffocation - - -   | 19·3   | 23   | 23        | 1    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Otherwise - - -   | 3·8  | 3  | 1         | -    | -     | 1                | -                | 1                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| (HOMICIDE.)   |  |  |           |      |       |                  |                  |                  |                       |  |  |           |      |       |                  |                  |                  |                       |
| Murder & Manslaughter   | 1·4  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| (SUICIDE.)  |  |  |           |      |       |                  |                  |                  |                       |  |  |           |      |       |                  |                  |                  |                       |
| Gunshot Wound - - -   | 1·3  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Cut, Stab - - -   | 1·5  | 3  | -         | -    | -     | 1                | 2                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Poison - - -  | 1·9  | 3  | -         | -    | -     | -                | 3                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Drowning - - -  | 1·3  | 1  | -         | -    | 1     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Hanging - - -   | 1·9  | 2  | -         | -    | -     | -                | 2                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| Otherwise - - -   | 0·5  | 1  | -         | -    | -     | -                | 1                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| (EXECUTION.)  |  |  |           |      |       |                  |                  |                  |                       |  |  |           |      |       |                  |                  |                  |                       |
| Hanging - - -   | 0·1  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |           |      |       |                  |                  |                  |                       |
| OTHER CAUSES † - -  | 65·2   | 57   | 46        | 6    | 2     | 1                | 1                | -                | 1                     |  |  |           |      |       |                  |                  |                  |                       |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the averages weekly deaths for the ten years 1878-87, raised by 9·043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated," which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.                                    |  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include    |     |             |          |                |             |                 |         |                                |                              |           |           |                |     | Deaths in Public<br>Institutions. | Unclassified Causes<br>of Death. |
|---|--|---|-------------------------------------|-------------------------------------|--|-----|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|-----------|-----------|----------------|-----|-----------------------------------|----------------------------------|
|   |  |   |                                     |                                     | Deaths of<br>Infants under 1<br>Year of Age. |     | Deaths from |          |                |             |                 |         |                                |                              |           |           |                |     |                                   |                                  |
|   |  |   |                                     |                                     |  |     | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhea. | Violence. | Inquest Cases. |     |                                   |                                  |
| LONDON.   |  | 3,815,704   | 2845                                | 1868                                | 397  | 465 | -           | 25       | 37             | 28          | 120             | 1       | 28                             | 2                            | 12        | 65        | 156            | 366 | 24                                |                                  |
| WEST DISTRICTS.   |  | 669,693   | 405                                 | 305                                 | 51   | 83  | -           | 6        | 6              | 6           | 11              | -       | 6                              | -                            | 1         | 4         | 15             | 89  | 1                                 |                                  |
| NORTH DISTRICTS.  |  | 905,947   | 614                                 | 416                                 | 79   | 124 | -           | 7        | 10             | 3           | 30              | 1       | 6                              | -                            | 5         | 9         | 37             | 73  | -                                 |                                  |
| CENTRAL DISTRICTS.  |  | 282,238   | 200                                 | 143                                 | 32   | 19  | -           | 1        | 1              | 5           | 5               | -       | 1                              | -                            | -         | 13        | 22             | 33  | 2                                 |                                  |
| EAST DISTRICTS.   |  | 692,738   | 639                                 | 370                                 | 90   | 77  | -           | 3        | 7              | 4           | 42              | -       | 6                              | -                            | 3         | 12        | 44             | 77  | 3                                 |                                  |
| SOUTH DISTRICTS.  |  | 1,265,148   | 987                                 | 634                                 | 135  | 162 | -           | 8        | 13             | 10          | 32              | -       | 9                              | 2                            | 3         | 27        | 38             | 89  | 18                                |                                  |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON |  | -   | -                                   | -                                   | -  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| WEST DISTRICTS.   |  |   |                                     |                                     |  |     |             |          |                |             |                 |         |                                |                              |           |           |                |     |                                   |                                  |
| St. Mary Paddington WHH G.J. & W.M.                               |  | 69888   | 45                                  | 28                                  | 4  | 8   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 7   | -                                 |                                  |
| St. John Paddington H - - G.J.                                    |  | 37330   | 4                                   | 13                                  | -  | 4   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -         | 1         | 2              | 6   | -                                 |                                  |
| Kensington Town W - - W.M.  |  | 120141  | 57                                  | 61                                  | 10   | 22  | -           | 2        | -              | 1           | -               | -       | -                              | -                            | -         | -         | 1              | 18  | -                                 |                                  |
| Brompton H - - W.M. & C.  |  | 43010   | 17                                  | 6                                   | -  | 4   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1              | -   | -                                 |                                  |
| St. Peter Hammersmith - - W.M.                                    |  | 7899  | 3                                   | 6                                   | 1  | 1   | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| St. Paul Hammersmith H W.M. & G.J.                                |  | 64340   | 51                                  | 33                                  | 11   | 9   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1              | 2   | 13                                |                                  |
| Fulham W - - W.M. & C.  |  | 42900   | 79                                  | 43                                  | 12   | 10  | -           | 3        | 4              | -           | 1               | -       | 2                              | -                            | 1         | 1         | 2              | 12  | -                                 |                                  |
| Chelsea South HHH - - C.  |  | 30396   | 16                                  | 13                                  | 2  | 3   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1              | 3   | 2                                 |                                  |
| Chelsea North-west WHHHH- C.                                      |  | 24925   | 14                                  | 20                                  | -  | 2   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1              | 2   | -                                 |                                  |
| Chelsea North-east - - C.   |  | 32807   | 26                                  | 5                                   | 2  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| May Fair WF - - G.J.  |  | 30353   | 13                                  | 19                                  | 2  | 8   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -         | -         | -              | 15  | -                                 |                                  |
| Belgrave WHHH- - - C.   |  | 59220   | 32                                  | 26                                  | 3  | 7   | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -         | -         | -              | 6   | 1                                 |                                  |
| St. John Westminster HHH - C.                                     |  | 35495   | 20                                  | 11                                  | 1  | 2   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -         | -         | 1              | 7   | -                                 |                                  |
| St. Margaret Westminster H - C.                                   |  | 24679   | 10                                  | 10                                  | 1  | 1   | -           | -        | 1              | 2           | 1               | -       | -                              | -                            | -         | -         | -              | 1   | -                                 |                                  |
| St. James Westminster WHH N.R. & G.J.                             |  | 29941   | 15                                  | 8                                   | 1  | 1   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -         | -         | -              | 1   | -                                 |                                  |
| St. Anne Soho HHHHHH - N.R.                                       |  | 16698   | 3                                   | 3                                   | 1  | 1   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 1   | -                                 |                                  |
| NORTH DISTRICTS.  |  |   |                                     |                                     |  |     |             |          |                |             |                 |         |                                |                              |           |           |                |     |                                   |                                  |
| All Souls Marylebone HHHH - W.M.                                  |  | 26759   | 13                                  | 12                                  | 3  | 5   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 2              | 5   | -                                 |                                  |
| Cavendish Square HHHH - - W.M.                                    |  | 14391   | 3                                   | 6                                   | 3  | 2   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1              | 2   | -                                 |                                  |
| Rectory Marylebone WH G.J. & W.M.                                 |  | 24809   | 13                                  | 4                                   | 1  | 1   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| St. Mary Maryleb. HHH G.J. & W.M.                                 |  | 21118   | 18                                  | 19                                  | 3  | 6   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | 2              | -   | -                                 |                                  |
| Christchurch Marylebone H - W.M.                                  |  | 33700   | 16                                  | 4                                   | -  | -   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| St. John Marylebone H - W.M.                                      |  | 33693   | 16                                  | 4                                   | -  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| Hampstead WWHHHH N.R. & W.M.                                      |  | 45452   | 24                                  | 12                                  | 1  | 9   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 1   | -                                 |                                  |
| Regent's Park Paneras H - - W.M.                                  |  | 39115   | 20                                  | 7                                   | -  | 2   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -         | 1         | 1              | -   | -                                 |                                  |
| Tottenham-court WHHHH N.R. & W.M.                                 |  | 27729   | 15                                  | 14                                  | 2  | 1   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -         | 1         | 2              | 8   | -                                 |                                  |
| Gray's Inn Lane HHH - - N.R.                                      |  | 30247   | 32                                  | 12                                  | 1  | 5   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -              | 3   | -                                 |                                  |
| Somers Town H - - N.R.  |  | 34369   | 15                                  | 13                                  | 2  | 5   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 3   | 10                                |                                  |
| Camden Town WH - - N.R.   |  | 17811   | 71                                  | 35                                  | 4  | 14  | -           | 1        | -              | 2           | -               | 1       | -                              | -                            | -         | 1         | 3              | 5   | -                                 |                                  |
| Kentish Town W - - N.R.   |  | 67437   | 52                                  | 50                                  | 8  | 16  | -           | 2        | -              | 5           | -               | -       | -                              | -                            | 1         | 1         | 4              | 14  | -                                 |                                  |
| Upper Holloway WWHH - - N.R.                                      |  | 10976   | 87                                  | 60                                  | 15   | 18  | -           | 3        | 1              | -           | 5               | -       | -                              | -                            | -         | 1         | 6              | 1   | -                                 |                                  |
| Islington South-west HH - - N.R.                                  |  | 61895   | 52                                  | 30                                  | 6  | 6   | -           | -        | 1              | -           | 2               | -       | -                              | -                            | 3         | -         | 2              | -   | -                                 |                                  |
| Islington South-east - - N.R.                                     |  | 62048   | 34                                  | 18                                  | 4  | 5   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | -         | -              | 1   | -                                 |                                  |
| Highbury H - - N.R.   |  | 22781   | 17                                  | 13                                  | 4  | 3   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | 1         | 2              | -   | -                                 |                                  |
| Stoke Newington H - - N.R.  |  | 9277  | 10                                  | 2                                   | -  | 1   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| Stamford Hill - - E.L.  |  | 37610   | 20                                  | 16                                  | 5  | 4   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -         | 1         | 3              | 1   | -                                 |                                  |
| West Hackney H - - E.L. & N.R.                                    |  | 76911   | 56                                  | 50                                  | 4  | 15  | -           | -        | 5              | 1           | 5               | 1       | 2                              | -                            | -         | -         | 1              | 22  | -                                 |                                  |
| Hackney WWHH - - E.L.   |  | 39938   | 23                                  | 23                                  | 10   | 3   | -           | -        | -              | 1           | 1               | 5       | -                              | -                            | -         | -         | 1              | -   | -                                 |                                  |
| CENTRAL DISTRICTS.  |  |   |                                     |                                     |  |     |             |          |                |             |                 |         |                                |                              |           |           |                |     |                                   |                                  |
| St. George Bloomsbury - - N.R.                                    |  | 16681   | 9                                   | 4                                   | 1  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 2              | -   | -                                 |                                  |
| St. Giles South WH - - N.R.                                       |  | 14884   | 19                                  | 14                                  | 1  | 7   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | -         | 2              | 6   | -                                 |                                  |
| St. Giles North - - N.R.  |  | 13837   | 5                                   | 5                                   | 2  | 2   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| St. Martin-in-the-Fields HH N.R. & C.                             |  | 17508   | 9                                   | 14                                  | -  | 1   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -         | 3         | 8              | 7   | -                                 |                                  |
| St. Mary-le-Strand H - - N.R.                                     |  | 7515  | 5                                   | 5                                   | 3  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 2   | 1                                 |                                  |
| St. Clement Danes H - - N.R.                                      |  | 8559  | 5                                   | 3                                   | -  | 2   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 8   | -                                 |                                  |
| Strand Union Workhouse, Edmonton w.                               |  | -   | -                                   | -                                   | -  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| St. Geo. the Martyr HHHHHH N.R.                                   |  | 18371   | 10                                  | 8                                   | 2  | -   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -         | -         | -              | 6   | -                                 |                                  |
| St. Andrew Eastern W - - N.R.                                     |  | 10706   | 5                                   | 3                                   | 1  | 2   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 1   | -                                 |                                  |
| Saffron Hill H - - N.R.   |  | 6533  | 5                                   | 1                                   | -  | 1   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| St. James Clerkenwell - - N.R.                                    |  | 17516   | 18                                  | 8                                   | 2  | 1   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 2              | -   | -                                 |                                  |
| Amwell Clerkenwell - - N.R.                                       |  | 19231   | 19                                  | 6                                   | 1  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | -   | -                                 |                                  |
| Pentonville - - N.R.  |  | 14773   | 9                                   | 7                                   | 4  | 1   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| Goodwell-street - - N.R.  |  | 17506   | 17                                  | 7                                   | 5  | 4   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| Old-street H - - N.R.   |  | 11541   | 8                                   | 7                                   | 4  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| City-road HHL - - N.R.  |  | 18628   | 27                                  | 12                                  | 4  | 1   | -           | -        | 1              | -           | 2               | -       | -                              | -                            | -         | 1         | 4              | -   | -                                 |                                  |
| Whitecross-street - - N.R.  |  | 9217  | 12                                  | 6                                   | -  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| Finsbury - - N.R.   |  | 7463  | 4                                   | 1                                   | -  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| Holborn Union Workhouse, Mitcam. w.                               |  | -   | -                                   | -                                   | -  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 1   | -                                 |                                  |
| St. Botolph H - - N.R. & E.L.                                     |  | 11174   | 7                                   | 3                                   | -  | -   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| Cripplegate - - N.R.  |  | 7193  | 3                                   | 1                                   | -  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |
| St. Sepulchre H - - N.R.  |  | 8359  | -                                   | 13                                  | 1  | 1   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -         | -         | 2              | 12  | -                                 |                                  |
| St. Bride W - - N.R.  |  | 8396  | 2                                   | 4                                   | 1  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 1   | -                                 |                                  |
| Allhallows Barking - - N.R.                                       |  | 13666   | 2                                   | 3                                   | -  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 2              | -   | -                                 |                                  |
| Broad Street H - - N.R.   |  | 5652  | -                                   | 1                                   | -  | -   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -   | -                                 |                                  |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-  
house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands;  
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies  
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London;  
and K. the Kent Company.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
Saturday, the 7th January, 1888.

| REGISTRATION SUB-DISTRICTS.            |  |  | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total BIRTHS during the<br>Week. | Total DEATHS during the<br>Week. | The DEATHS registered in the Week include |             |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |  |
|--|--|--|---|----------------------------------|----------------------------------|---|-------------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|----|--|
|  |  |  |   |                                  |                                  | Deaths of                                 | Deaths from |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |  |
|  |  |  |   | Infants under 1<br>Year of Age.  | Persons aged 40<br>Years & unwd. | Small-pox.                                | Measles.    | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |    |  |
| EAST DISTRICTS.                        |  |  |   |                                  |                                  |   |             |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |  |
| Holywell Shoreditch - - - N.R. & E.L.  |  |  | 7376  | 42                               | 2                                | 1   | -           | -              | -           | -               | 2       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| St. Leonard Shoreditch HL* - - - N.R.  |  |  | 14667   | 7                                | 7                                | -   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | 2                               | -  |  |
| Horton New Town W - - - N.R.           |  |  | 29987   | 27                               | 29                               | 5   | 8           | -              | 1           | 1               | 5       | -                              | -                            | -          | -         | 1              | 4                                 | 6                               | -  |  |
| Horton Old Town - - - N.R.             |  |  | 28086   | 29                               | 12                               | 4   | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 2                                 | -                               | -  |  |
| Haggerston WH - - - N.R. & E.L.        |  |  | 46275   | 39                               | 20                               | 3   | 4           | -              | -           | 1               | 1       | -                              | -                            | -          | -         | 1              | 1                                 | 8                               | -  |  |
| Packney-road H - - - E.L.              |  |  | 29738   | 31                               | 18                               | 7   | -           | 1              | -           | -               | 2       | -                              | -                            | -          | -         | -              | 1                                 | 1                               | -  |  |
| Green, Bethnal Green WHL* - - - E.L.   |  |  | 47532   | 42                               | 26                               | 7   | 5           | -              | 2           | 1               | 3       | -                              | -                            | -          | -         | -              | 2                                 | 3                               | -  |  |
| Church, Bethnal Green - - - E.L.       |  |  | 29981   | 34                               | 19                               | 9   | 4           | -              | -           | -               | 4       | -                              | -                            | -          | -         | -              | 1                                 | -                               | -  |  |
| Town, Bethnal Green - - - E.L.         |  |  | 18810   | 17                               | 8                                | -   | 2           | -              | -           | -               | 3       | -                              | -                            | -          | -         | 1              | -                                 | -                               | -  |  |
| Spitalfields - - - E.L. & N.R.         |  |  | 22685   | 15                               | 8                                | 2   | 3           | -              | -           | -               | 3       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Mile End New Town W - - - E.L.         |  |  | 15473   | 22                               | 14                               | 5   | 5           | -              | -           | -               | 1       | -                              | 1                            | -          | -         | -              | 3                                 | 5                               | -  |  |
| Whitechapel Church H - - - E.L. & N.R. |  |  | 17490   | 18                               | 10                               | 5   | 5           | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | 1                                 | 2                               | 20 |  |
| Goodman's Fields - - - E.L.            |  |  | 5713  | 4                                | 1                                | -   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Aldgate - - - N.R. & E.L.              |  |  | 6102  | 1                                | 1                                | -   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | 1  |  |
| St. George's North - - - E.L.          |  |  | 38747   | 51                               | 12                               | 1   | 1           | -              | -           | -               | 2       | -                              | -                            | -          | -         | -              | 5                                 | -                               | -  |  |
| St. John, St. George East W - - E.L.   |  |  | 8410  | 5                                | 12                               | 1   | 3           | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | 6                                 | -                               | -  |  |
| Shadwell HH - - - E.L. & N.R.          |  |  | 16985   | 14                               | 8                                | 2   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 | 3                               | -  |  |
| Ratcliff - - - E.L.                    |  |  | 16107   | 6                                | 8                                | 1   | 2           | -              | -           | -               | 1       | -                              | -                            | -          | -         | 1              | 1                                 | -                               | -  |  |
| Limehouse - - - E.L.                   |  |  | 32041   | 35                               | 14                               | 2   | 5           | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               | -  |  |
| Mile End Old Town West - - - E.L.      |  |  | 17660   | 30                               | 21                               | 4   | 5           | -              | 1           | -               | 1       | -                              | 1                            | -          | -         | -              | 2                                 | -                               | 1  |  |
| Mile End Old Town East WWH-E.L.        |  |  | 67663   | 56                               | 19                               | 6   | 6           | -              | 1           | -               | 6       | -                              | -                            | -          | -         | -              | 3                                 | 7                               | 1  |  |
| Bow - - - E.L.                         |  |  | 37074   | 34                               | 12                               | 4   | 2           | -              | 1           | -               | 1       | -                              | -                            | -          | -         | 2              | 4                                 | -                               | -  |  |
| Bromley' swwH - - - E.L.               |  |  | 64359   | 70                               | 44                               | 14  | 12          | -              | 1           | 1               | 3       | -                              | -                            | -          | -         | 3              | 7                                 | 11                              | -  |  |
| Foplar. WWW - - - E.L.                 |  |  | 55077   | 60                               | 19                               | 10  | 2           | -              | -           | -               | 2       | -                              | 1                            | -          | 2         | 1              | 1                                 | 5                               | -  |  |
| SOUTH DISTRICTS.                       |  |  |   |                                  |                                  |   |             |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |  |
| Christchurch Southwark WH L. & S.      |  |  | 18663   | G                                | 4                                | -   | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| St. Saviour Southwark - - - S.         |  |  | 14989   | 11                               | 9                                | 3   | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | 1  |  |
| Kent-road - - - S. & L.                |  |  | 21351   | 23                               | 8                                | 5   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                               | -  |  |
| Borough-road WH L. & L.                |  |  | 16983   | 10                               | 4                                | -   | 1           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | 1  |  |
| London-road HL - - - L. & S.           |  |  | 21318   | 17                               | 7                                | 1   | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 3                               | -  |  |
| Trinity Newington - - - S. & L.        |  |  | 26672   | 20                               | 12                               | 3   | 2           | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | -                                 | -                               | 1  |  |
| St. Peter Walworth W - - - S. & L.     |  |  | 29555   | 26                               | 25                               | 7   | 6           | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 1              | 1                                 | 1                               | 1  |  |
| St. Mary Newington - - - L. & S.       |  |  | 51653   | 17                               | 13                               | 4   | 4           | -              | -           | -               | 2       | -                              | -                            | -          | -         | -              | -                                 | -                               | 1  |  |
| St. Olave WH - - - S.                  |  |  | 11956   | 3                                | 13                               | 1   | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | 5              | 5                                 | 7                               | -  |  |
| Leather Market - - - S. & L.           |  |  | 16500   | 17                               | 9                                | 4   | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| St. Mary Magdalen W - - - S.           |  |  | 16669   | 17                               | 12                               | 3   | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | 3                               | -  |  |
| St. James Bermondsey - - - S.          |  |  | 64685   | 59                               | 24                               | 7   | 5           | -              | 1           | -               | -       | 1                              | -                            | -          | 3         | 3              | -                                 | -                               | -  |  |
| Rotherhithe WH - - - S. & K.           |  |  | 56024   | 24                               | 17                               | 5   | 4           | -              | -           | -               | -       | 2                              | -                            | -          | 1         | 2              | -                                 | -                               | -  |  |
| Waterloo-road 1st H - - - L. & S.      |  |  | 31395   | 11                               | 5                                | 1   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Waterloo-road 2nd H - - - L. & S.      |  |  | 16821   | 10                               | 11                               | 2   | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                               | 1  |  |
| Lambeth Church 1st H - - - L. & S.     |  |  | 18676   | 11                               | 17                               | -   | 2           | -              | -           | -               | -       | 2                              | -                            | -          | -         | 2              | 2                                 | 11                              | -  |  |
| Lambeth Church 2nd WWH - - L. & S.     |  |  | 58658   | 19                               | 16                               | 1   | 9           | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | 1                                 | 10                              | -  |  |
| Kennington 1st - - - S. & L.           |  |  | 43233   | 29                               | 15                               | 2   | 3           | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Kennington 2nd - - - S. & L.           |  |  | 26332   | 17                               | 14                               | 2   | 5           | -              | 2           | 1               | 1       | -                              | -                            | -          | -         | 2              | 2                                 | -                               | -  |  |
| Brixton wW - - - S. & L.               |  |  | 62837   | 13                               | 16                               | 5   | 7           | -              | 1           | 1               | 2       | -                              | -                            | -          | -         | 1              | 1                                 | -                               | -  |  |
| Norwood W - - - L.                     |  |  | 15017   | 14                               | 12                               | 4   | 3           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               | -  |  |
| East Battersea - - - S.                |  |  | 54675   | 56                               | 21                               | 7   | 3           | -              | 1           | -               | 3       | -                              | 1                            | -          | -         | 1              | 2                                 | -                               | -  |  |
| West Battersea WWH - - - S.            |  |  | 51687   | 64                               | 19                               | 10  | 11          | -              | -           | -               | 5       | -                              | -                            | -          | -         | 3              | 4                                 | 7                               | -  |  |
| Clapham H - - - S.                     |  |  | 36350   | 33                               | 11                               | 1   | 5           | -              | -           | -               | 1       | -                              | 1                            | -          | 1         | -              | 1                                 | -                               | -  |  |
| Wandsworth WHL - - - S.                |  |  | 55004   | 43                               | 10                               | 5   | 2           | -              | 1           | -               | 1       | -                              | -                            | -          | -         | -              | 1                                 | 1                               | -  |  |
| Putney - - - S.                        |  |  | 32325   | 6                                | 1                                | -   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Streatham - - - L.                     |  |  | 25553   | 19                               | 12                               | 1   | 4           | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Dulwich - - - L. & S.                  |  |  | 5580  | -                                | -                                | -   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Camberwell WLL* - - - S. & L.          |  |  | 59104   | 26                               | 14                               | 8   | 16          | -              | -           | 3               | 1       | -                              | 1                            | -          | -         | -              | 1                                 | 18                              | 1  |  |
| Peckham W - - - S., L. & K.            |  |  | 71689   | 51                               | 41                               | 8   | 7           | -              | 2           | 3               | 1       | 4                              | -                            | -          | -         | -              | -                                 | 1                               | 2  |  |
| St. George Camberwell - - - L. & S.    |  |  | 70816   | 46                               | 21                               | 4   | 4           | -              | -           | 2               | 1       | -                              | -                            | -          | 1         | -              | -                                 | -                               | -  |  |
| St. Paul Deptford wW - - - K.          |  |  | 76722   | 63                               | 44                               | 9   | 11          | -              | 1           | 3               | -       | -                              | 1                            | -          | -         | 1              | 2                                 | 1                               | 2  |  |
| St. Nicholas Deptford - - - K.         |  |  | 7501  | 10                               | 5                                | 3   | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | 3                                 | -                               | -  |  |
| Greenwich West H - - - K.              |  |  | 21972   | 12                               | 9                                | 1   | 2           | -              | -           | -               | 2       | -                              | -                            | -          | -         | -              | 1                                 | 1                               | -  |  |
| Greenwich East WHH - - - K.            |  |  | 24608   | 19                               | 10                               | 3   | 6           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 11                              | -  |  |
| Eltham H - - - K.                      |  |  | 1048  | 1                                | 2                                | -   | 1           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Lee H - - - K.                         |  |  | 21549   | 9                                | 4                                | -   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Lewisham WH - - - K.                   |  |  | 18865   | 17                               | 14                               | 5   | 4           | -              | 1           | -               | 2       | -                              | 1                            | -          | -         | -              | 1                                 | 3                               | -  |  |
| Sydenham H - - - L.                    |  |  | 50076   | 15                               | 14                               | 3   | 3           | -              | -           | 1               | 2       | -                              | -                            | -          | -         | -              | -                                 | -                               | 1  |  |
| Charlton H - - - K.                    |  |  | 16980   | 7                                | 4                                | 1   | 2           | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Woolwich Dockyard - - - K.             |  |  | 17617   | 11                               | 7                                | 2   | 4           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | 2  |  |
| Woolwich Arsenal HH - - - K.           |  |  | 18048   | 17                               | 11                               | 2   | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | 2                               | -  |  |
| Plumstead West H - - - K.              |  |  | 14049   | 9                                | 4                                | 1   | 2           | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Plumstead East W - - - K.              |  |  | 13241   | 50                               | 17                               | 1   | 6           | -              | -           | -               | 1       | -                              | -                            | -          | -         | 1              | 1                                 | 7                               | -  |  |
| Metropolitan Asylum Hospitals:         |  |  |   |                                  |                                  |   |             |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |  |
| Dartford - - -                         |  |  | -   | -                                | -                                | -   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Winchmore Hill - - -                   |  |  | -   | -                                | -                                | -   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |
| Plaistow - - -                         |  |  | -   | -                                | -                                | -   | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |  |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by \*:-

Marylebone Infirmary in Kensington Town sub-district.  
 Central London Sick Asylum, in Tottenham Court-road sub-district.  
 Holborn Infirmary " " in Upper Holloway sub-district.  
 London City Workhouse " " in Hackney sub-district.  
 Holborn " " " in Hoxton New Town sub-district.  
 Whitechapel " " " Mile End Old Town Eastern sub-dist.  
 London City " " " Mile End Old Town Eastern sub-dist.  
 " " " " " and Bowley sub-district.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum " " "  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum for Idiots in Putnam Hamstead, Hackney.  
Erixton, and St. Paul, Dorset sub-districts, and in Darford,  
Edmonton, and West Ham sub-districts outside Registration London.

\* Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 7th January, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Aeres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Eneume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |                    |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |                |                                   |                    |
| LONDON—OUTER RING   |                                | 370,924  | 950,957                                       | 913     | 502     | 108                                       | 141                                 | -           | 11       | 4              | 6           | 45              | 7      | 2          | 14        | 21             | 33                                | 6                  |
| 30: 1   | Carshalton wL -                | 12228  | 21118   | 12      | 8       | -   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 8       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 37: 1   | Godstone (part of)* -          | 2754   | 1235  | -       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 38: 1   | Croydon WwHHL -                | 20651  | 101241  | 67      | 34      | 3   | 11                                  | -           | -        | -              | -           | 1               | 1      | -          | 1         | 2              | 3                                 | -                  |
| 2   | Mitcham w† -                   | 11697  | 17982   | 12      | 8       | 2   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 39: 1   | Wimbledon HHH -                | 3220   | 15960   | 6       | 4       | -   | 2                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |
| 2   | Kingston WHH -                 | 8549   | 36354   | 27      | 12      | 2   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 3   | Esher (part of)* -             | 6601   | 9221  | 12      | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 4   | Hampton H -                    | 4573   | 13539   | 12      | 9       | -   | 5                                   | -           | -        | -              | 1           | -               | -      | -          | 1         | 1              | -                                 | -                  |
| 40: 1   | Richmond WH -                  | 2272   | 21302   | 13      | 9       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 3         | 4              | 3                                 | -                  |
| 2   | Mortlake -                     | 2941   | 12331   | 13      | 8       | 4   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                  |
| 41: 1   | Bromley (pt. of)* HH           | 15669  | 84142   | 19      | 12      | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 2         | 2              | -                                 | -                  |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15314   | 16      | 10      | 2   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 3                                 | -                  |
| 42: 1   | Bexley H -                     | 18437  | 24134   | 19      | 8       | 2   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 124: 1  | Sunbury w -                    | 11055  | 11685   | 2       | 5       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -              | -                                 | -                  |
| 2   | Staines W -                    | 13277  | 12089   | 7       | 6       | 1   | 4                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                  |
| 125: 1  | Hillingdon WHH -               | 6029   | 10802   | 13      | 14      | 3   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 3                                 | -                  |
| 2   | Uxbridge -                     | 6173   | 5225  | 6       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 3   | Hayes wHL -                    | 14587  | 11523   | 5       | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 | -                  |
| 126: 1  | Isleworth WHH -                | 7008   | 22727   | 23      | 10      | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |
| 2   | Twickenham H -                 | 2477   | 12479   | 9       | 7       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 3   | Brentford HL -                 | 4345   | 27649   | 19      | 7       | 3   | 1                                   | -           | -        | -              | -           | 1               | -      | 1          | -         | -              | -                                 | -                  |
| 4   | Chiswick -                     | 1340   | 15975   | 13      | 6       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 5   | Acton wH -                     | 6063   | 22876   | 30      | 7       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                  |
| 127: 1  | Harrow H -                     | 13809  | 12796   | 8       | 8       | 3   | 4                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Edgware H -                    | 6994   | 3749  | 1       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 3   | Willowden -                    | 4383   | 27453   | 41      | 20      | 5   | 7                                   | -           | 1        | -              | -           | -               | -      | -          | 1         | 2              | -                                 | -                  |
| 4   | Hendon W -                     | 8382   | 10484   | 3       | 6       | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 3                                 | -                  |
| 128: 1  | South Mimms -                  | 15569  | 6591  | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Barnet -                       | 5433   | 10092   | 6       | 5       | 3   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 1                                 | -                  |
| 3   | Finsbury HL -                  | 4688   | 17615   | 23      | 10      | -   | 5                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 5                                 | -                  |
| 129: 1  | Hornsey H -                    | 3039   | 37073   | 41      | 13      | 2   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Tottenham H -                  | 4642   | 46456   | 60      | 27      | 9   | 4                                   | -           | 1        | 1              | -           | 3               | -      | -          | -         | 1              | -                                 | -                  |
| 3   | Edmonton Ww† -                 | 7483   | 23463   | 31      | 22      | 5   | 7                                   | -           | -        | 1              | -           | 8               | -      | -          | 1         | 3              | 5                                 | -                  |
| 4   | Enfield WH -                   | 12653  | 19104   | 12      | 17      | 3   | 4                                   | -           | -        | -              | 1           | 4               | -      | -          | -         | -              | -                                 | -                  |
| 5   | Waltham Abbey -                | 11017  | 5348  | 2       | 5       | 2   | -                                   | -           | 2        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                  |
| 6   | Cheshunt -                     | 8490   | 7735  | 11      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 135: 1  | Hatfield (part of)* -          | 3306   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 137: 1  | Bushey -                       | 9331   | 6621  | 4       | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 136: 1  | Stratford -                    | 882  | 38906   | 28      | 23      | 7   | 2                                   | -           | -        | -              | -           | 9               | -      | -          | -         | -              | -                                 | -                  |
| 2   | West Ham wwwwH§ -              | 7351   | 101053  | 150     | 79      | 23  | 9                                   | -           | 7        | -              | 1           | 9               | 4      | -          | 2         | 2              | 1                                 | 5                  |
| 3   | Leyton WwL -                   | 4372   | 32430   | 34      | 25      | 3   | 10                                  | -           | -        | 1              | -           | 2               | -      | -          | -         | -              | 4                                 | -                  |
| 4   | Walthamstow H -                | 6590   | 28869   | 40      | 15      | 1   | 4                                   | -           | -        | -              | 1           | 1               | -      | -          | 1         | 1              | -                                 | -                  |
| 137: 1  | Chigwell (part of)* H          | 11761  | 9639  | 8       | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 139: 1  | Romford (part of)* -           | 6730   | 3411  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Ilford -                       | 8493   | 7645  | 8       | 5       | 2   | -                                   | -           | -        | -              | -           | 1               | 1      | -          | -         | -              | -                                 | -                  |
| 3   | Barking Town -                 | 4127   | 9203  | 17      | 7       | 4   | -                                   | -           | -        | -              | -           | 4               | -      | -          | -         | -              | -                                 | -                  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1813); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district.  
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).  
 § Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 7th January, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16  |  |                                   |
| EATER LONDON              | 448,334  | 5,527,886                                      | 22·4  | 3·1                                   | 2370                             | 495                                       | 606  | -           | 36       | 41                | 34          | 165                 | 38     | 14         | 79        | 402 |  |                                   |
| INNER LONDON              | 77,410   | 4,282,921                                      | 22·8  | 3·1                                   | 1868                             | 387                                       | 465  | -           | 25       | 37                | 28          | 120                 | 31     | 12         | 65        | 366 |  |                                   |
| OUTER RING                | 370,924  | 1,244,965                                      | 21·0  | 3·1                                   | 502                              | 108                                       | 141  | -           | 11       | 4                 | 6           | 45                  | 7      | 2          | 14        | 36  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 90,522 square miles, which is equivalent to the area of a circle having a radius of 14,933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,011,914 Persons.

| CITIES.          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of | DEATHS. Stillborn. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                             |
|------------------|---------------------------------------|-----------------------------|----------------------|--------------------|------------------------------------|--|
| CALCUTTA - -     | 433,219                               | December 3                  | -                    | 253                | 30·4                               | Chol. 15; fev. 83; d. dis. 31.                             |
| BOMBAY - -       | 778,196                               | December 13                 | 314                  | 370                | 21·8                               | Fev. 111; small-pox 2.                                     |
|                  |                                       | " 20                        | 336                  | 385                | 22·7                               | Fev. 135; small-pox 3.                                     |
| MADRAS - -       | 398,777                               | November 25                 | 301                  | 355                | 46·4                               | Chol. 36; fev. 65; d. dis. 78.                             |
|                  |                                       | December 2                  | 343                  | 376                | 49·2                               | Chol. 32; fev. 94; d. dis. 62.                             |
| PARIS - - -      | 2,260,945                             | " 31                        | 1301                 | 1070               | 24·8                               | Typd. fev. 60; d. & cp. 37; sm.-pox 3; scar. fev. 6.       |
| BRUSSELS - -     | 450,708                               | " 31                        | 270                  | 180                | 20·8                               | Diphtheria 2; croup 5.                                     |
| AMSTERDAM -      | 378,969                               | " 31                        | 277                  | 156                | 21·4                               | Diphtheria 2; typ. & tpd. fever 2; wh.-cough 5.            |
| ROTTERDAM -      | 190,521                               | " 31                        | 135                  | 78                 | 21·2                               | Scarlet fev. 2; whooping-cough 2.                          |
| THE HAGUE -      | 143,626                               | " 31                        | 127                  | 54                 | 19·5                               | -  |
| COPENHAGEN -     | 290,000                               | " 27                        | 188                  | 147                | 26·4                               | Meas. 7; sc. fv. 5; diph. 7.                               |
| STOCKHOLM -      | 216,807                               | " 17                        | 166                  | 78                 | 17·5                               | Scar. fv. 3; diph. & cp. 5.                                |
|                  |                                       | " 24                        | 140                  | 90                 | 21·6                               | Scar. fev. 8; typd. fev. 3.                                |
| CHRISTIANIA -    | 134,000                               | " 31                        | 63                   | 95                 | 36·9                               | Measles 33; diph. and croup 8; typd. fev. 2.               |
| ST. PETERSBURG   | 928,016                               | " 24                        | -                    | 497                | 27·9                               | Typ. & typd. fev. 20; sc. fv. 11; diph. 11; diar. dis. 89. |
| BERLIN - - -     | 1,385,991                             | " 17                        | 896                  | 478                | 17·6                               | Diph. 24; scar. fev. 5; measles 6.                         |
| HAMBURG (State)  | 529,091                               | " 24                        | 382                  | 301                | 29·7                               | Typh. and typd. d. fev. 19; meas. 9; wh.-cough 7.          |
| DRESDEN - -      | 254,088                               | " 17                        | 162                  | 73                 | 16·0                               | Measles 4.   |
| BRESLAU - -      | 308,105                               | " 24                        | 205                  | 118                | 25·5                               | Diphtheria 6; whooping-cough 2.                            |
| MUNICH - - -     | 269,000                               | " 24                        | 172                  | 130                | 25·1                               | Diphtheria and croup 4; scarlet fever 5.                   |
| VIENNA - - -     | 790,381                               | " 24                        | 487                  | 395                | 26·0                               | Diph. 5; scar. fev. 11; measles 5.                         |
| PRAGUE - - -     | 294,170                               | " 31                        | -                    | 168                | 29·8                               | Sm.-pox 15; scar. fev. 7; diph. and croup 4.               |
| BUDA-PESTH -     | 432,672                               | " 24                        | 289                  | 255                | 30·6                               | Sm.-px. 5; tp. & tpd. fv. 5; diph. & crp. 16; meas. 10.    |
| TRIESTE - - -    | 154,055                               | " 24                        | -                    | 94                 | 31·7                               | Small-pox 12; diph. and croup 2.                           |
| ROME - - -       | 369,214                               | " 3                         | 252                  | 196                | 27·7                               | Small-pox 4; typhoid fever 10.                             |
| TURIN (10 days)- | 286,956                               | " 10                        | -                    | -                  | -                                  | -  |
| VENICE - - -     | 147,347                               | " 17                        | 78                   | 66                 | 23·4                               | Diar. dis. 7; typh. fev. 1.                                |
|                  |                                       | " 24                        | 83                   | 89                 | 31·5                               | Diph. & croup 3; s.-pox 1.                                 |
| CAIRO - - -      | 374,338                               | " 15                        | 457                  | 351                | 48·9                               | Typd. fev. 15; diarrhoeal diseases 122; wh.-cgh. 6.        |
| ALEXANDRIA -     | 231,396                               | " 15                        | 261                  | 177                | 39·9                               | Dip. & cp. 2; diar. dis. 39; whooping-cough 5.             |
| NEW YORK - -     | 1,429,697                             | " 17                        | -                    | 677                | 24·7                               | Diph. 51; scar. fev. 25; typhus and typd. fev. 4.          |
| BROOKLYN - -     | 745,108                               | " 17                        | -                    | 320                | 22·0                               | Diphtheria 32; scarlet fever 10.                           |
| PHILADELPHIA -   | 993,801                               | " 17                        | -                    | 388                | 20·4                               | Diphtheria 9; croup 8; typhoid fever 6.                    |
| BALTIMORE - -    | 417,220                               | " 17                        | -                    | 141                | 17·6                               | Dip. 3; tpd. fev. 6; meas. 4.                              |



TA

| Month and Day.      | Phases of the Moon. | TEMPERATURE. |          |              |                   |                                      |                   |                   |            |                                       |                      | Difference between the Air Temperature and Dew Point Temperature. |          |   |      | TEMPERATURE. |        |                              |   | Wind as deduced from Anemometers.   |        |        |          | Rain collected in a Gauge whose reflecting surface was above the Ground. |       |      |      |
|---------------------|---------------------|--------------|----------|--------------|-------------------|--------------------------------------|-------------------|-------------------|------------|---------------------------------------|----------------------|---|----------|---|------|--------------|--------|------------------------------|---|-------------------------------------|--------|--------|----------|--|-------|------|------|
|                     |                     | Baro-Meter.  |          | Of the Air.  |                   |                                      |                   | Of the Dew Point. |            | Degree of Humidity (80° equals 100°). |                      | Of Radiation.   |          | Of the Water of the Thames at Deptford. |      | Olar's.      |        | Pressure on the Square Foot. |   | Robinson's.                         |        | Ozone. |          |  |       |      |      |
|                     |                     | High-est.    | Low-est. | Daily Range. | Mean daily value. | De-parture from Average of 20 years. | Mean daily value. | Great-est.        | Least-est. | High-est in Sun's Rays.               | Lowest on the Grass. | High-est.   | Low-est. | General Direction.                      |      | Great-est.   | Least. | Mean hourly obs.             | Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Miles. | lbs.   | Miles.   | in.  |       |      |      |
|                     |                     |              |          |              |                   |                                      |                   |                   |            |                                       |                      |   |          | A.M.                                    | P.M. |              |        |                              |   |                                     |        |        |          |  |       | A.M. | P.M. |
| JANUARY.            |                     |              |          |              |                   |                                      |                   |                   |            |                                       |                      |   |          |   |      |              |        |                              |   |                                     |        |        |          |  |       |      |      |
| SUN. . 1 ..         |                     | in.          | 29·40    | 37·5         | 22·1              | 15·4                                 | 23·8              | - 9·3             | 21·7       | 7·1                                   | 11·0                 | 3·0   | 73       | 63·5                                    | 16·9 | 36·0         | 35·1   | SE. & ESE.                   | SE. & SSE.                                  | 1·0                                 | 0·0    | 0·0    | 191      | Miles.   | - 120 | 0·00 | 1·0  |
| MON. . 2 ..         |                     |              | 29·181   | 40·0         | 37·5              | 8·5                                  | 41·8              | + 3·9             | 39·3       | 2·5                                   | 7·4                  | 0·0   | 91       | 60·7                                    | 23·7 | 35·2         | 34·2   | S.                           | S. SSE & N.W.                               | 3·0                                 | 0·0    | 0·3    | 271      |  | - 42  | 0·22 | 3·0  |
| TUES. . 3 ..        |                     |              | 29·831   | 44·5         | 32·5              | 12·0                                 | 38·6              | + 0·8             | 36·7       | 1·9                                   | 6·8                  | 0·0   | 93       | 67·0                                    | 27·6 | 36·0         | 35·3   | N.W. & WSW.                  | SW. & SSE.                                  | 1·8                                 | 0·0    | 0·1    | 259      |  | - 59  | 0·09 | 1·8  |
| WED. . 4 ..         |                     |              | 29·705   | 43·0         | 39·3              | 3·7                                  | 41·0              | + 3·3             | 34·7       | 6·3                                   | 9·2                  | 1·0   | 78       | 46·8                                    | 31·9 | 36·2         | 35·2   | S. & SSE.                    | SSE.  | 4·9                                 | 0·0    | 0·6    | 341      |  | + 25  | 0·01 | 6·7  |
| THURS. . 5 ..       |                     |              | 29·616   | 49·5         | 39·8              | 9·7                                  | 44·7              | + 7·1             | 41·9       | 2·8                                   | 6·0                  | 0·5   | 90       | 69·6                                    | 32·3 | 36·0         | 35·7   | S. & SW.                     | SW.   | 5·1                                 | 0·0    | 0·6    | 376      |  | + 59  | 0·00 | 4·5  |
| FRI. . 6 In FURROW. |                     |              | 29·981   | 45·5         | 34·7              | 10·8                                 | 41·3              | + 3·7             | 39·9       | 1·4                                   | 3·2                  | 0·0   | 95       | 49·7                                    | 27·8 | 36·8         | 36·1   | WSW. & S.W.                  | SSW.  | 2·4                                 | 0·0    | 0·2    | 321      |  | + 4   | 0·07 | 0·0  |
| SAT. . 7 ..         |                     | LAST Q.      | 30·175   | 47·6         | 41·9              | 5·7                                  | 45·2              | + 7·6             | 43·3       | 1·9                                   | 3·4                  | 0·5   | 93       | 56·0                                    | 38·7 | 33·2         | 34·9   | SSW. & WSW.                  | SW. & WSW.                                  | 2·4                                 | 0·0    | 0·2    | 322      |  | + 4   | 0·01 | 3·0  |
| MEANS . . .         |                     |              | 29·698   | 44·8         | 35·4              | 9·4                                  | 40·2              | + 2·4             | 36·8       | 3·4                                   | 6·7                  | 0·7   | 88       | 59·0                                    | 29·1 | 35·9         | 35·2   | SE. & SW.                    |   | ..                                  | ..     | ..     | Sum 2081 | Sum - 120  | 0·40  | 2·9  |      |
| No. of Col. . .     | 3                   |              |          | 5            | 6                 | 7                                    | 8                 | 9                 | 10         | 11                                    | 12                   | 13  | 14       | 15                                      | 16   | 17           | 18     | 19                           | 20  | 21                                  | 22     | 23     | 24       | 25   | 26    | 27   |      |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the observations are given in the columns 1 and 2 of the tables. The means of the observations of the readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are given in the columns 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826,

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—*P*, positive; *N*, negative; *W*, weak; *M*, moderate; *S*, strong; and *Agg*, aggregate.

The numbers in column 29 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the April day, or from midnight to midnight.

The reading of the barometer decreased from 29.32 in. at the beginning of the week to 29.15 in. on 9th. A.M. on the 2nd.; increased to 29.30 in. by 9h. P.M. on the 3rd.; decreased to 29.51 in. on 9th. A.M. on the 5th.; and increased to 30.26 in. by the end of the week.

GENERAL REMARKS.

|           |   |   |            |             |  |
|-----------|---|---|------------|-------------|--|
| SUNDAY    | 1 | s. P. throughout  | 1-9        | 7-9         | Fine; partially cloudy. Hoar frost.  |
| MONDAY    | 2 | m. P. in morning;<br>v. P. and v. N. afterwards.              | 0-7        | 7-9         | Overcast generally. A little rain fell in early morning, and steady rain throughout afternoon and evening. |
| TUESDAY   | 3 | v. N. till 3h. A.M.;<br>m. P. to s. P. afterwards.            | 1-1        | 7-9         | Rain fell in early morning; fine throughout day; cloudless at night.                                       |
| WEDNESDAY | 4 | m. P. throughout  | 0-0        | 7-9         | Generally cloudy. Slight rain in morning.  |
| THURSDAY  | 5 | w. P. and occasionally w. N. till 3h. P.M.; m. P. afterwards. | 0-4        | 7-9         | Generally cloudy till afternoon, and a little rain fell at times; cloudless at night.                      |
| FRIDAY    | 6 | m. P. till 3h. P.M.;<br>w. N. and v. P. afterwards.           | 0-0        | 8-0         | Fine in morning; overcast afterwards. Rain all night.  |
| SATURDAY  | 7 | v. P. till afternoon,<br>m. P. afterwards.                    | 0-0        | 8-0         | Generally cloudy. Showery in early morning.  |
|           |   |   | Sum<br>4-1 | Sum<br>55-5 |  |
|           |   |   | 29         | 30          |  |
|           |   | 23  |            |             |  |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 2, 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JANUARY 14. [Price 1½d.

General Register Office, Somerset House,  
16th January, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 23·3 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |             |            |             | TOWNS.             | Weeks ending |             |            |             |
|--------------|--------------|-------------|------------|-------------|--------------------|--------------|-------------|------------|-------------|
|              | Dec.<br>24.  | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. |                    | Dec.<br>24.  | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. |
| Birkenhead   | 20·3         | 29·9        | 24·0       | 17·7        | Liverpool -        | 20·3         | 23·2        | 25·1       | 21·0        |
| Birmingham   | 21·6         | 24·4        | 19·5       | 24·6        | London -           | 18·6         | 23·3        | 22·8       | 23·6        |
| Blackburn -  | 31·7         | 29·0        | 28·5       | 27·6        | Manchester -       | 28·9         | 32·5        | 35·6       | 34·9        |
| Bolton -     | 25·5         | 33·9        | 27·6       | 23·9        | Newcastle-on-Tyne* | 23·3         | 27·9        | 24·9       | 22·6        |
| Bradford*    | 19·1         | 23·0        | 17·7       | 21·8        | Norwich -          | 19·1         | 20·8        | 23·3       | 22·8        |
| Brighton -   | 20·3         | 18·5        | 14·8       | 18·3        | Nottingham*        | 19·3         | 28·9        | 21·2       | 22·6        |
| Bristol -    | 22·4         | 25·7        | 23·3       | 24·4        | Oldham -           | 20·2         | 31·1        | 24·9       | 22·3        |
| Cardiff*     | 21·0         | 24·5        | 25·0       | 21·1        | Plymouth -         | 30·4         | 28·4        | 40·3       | 28·2        |
| Derby -      | 15·5         | 21·1        | 20·6       | 19·0        | Portsmouth -       | 24·2         | 26·5        | 28·4       | 20·6        |
| Halifax -    | 22·4         | 31·0        | 25·4       | 18·9        | Preston -          | 26·5         | 33·7        | 29·3       | 25·8        |
| Huddersfield | 20·3         | 19·7        | 18·8       | 19·4        | Salford*           | 24·8         | 26·2        | 25·1       | 21·0        |
| Hull -       | 19·3         | 22·0        | 19·9       | 18·3        | Sheffield -        | 23·9         | 27·7        | 26·4       | 25·3        |
| Leeds -      | 19·5         | 25·1        | 23·9       | 23·1        | Sunderland -       | 23·3         | 21·3        | 20·6       | 14·2        |
| Leicester*   | 31·3         | 27·7        | 24·2       | 15·3        | Wolverhampton -    | 21·3         | 27·8        | 31·9       | 28·7        |

The highest annual death-rates from *measles*, measured by last week's mortality, were 1·1 in Nottingham and in Derby, and 1·6 in Birmingham; from *scarlet fever*, 1·2 in Bristol, 1·3 in Wolverhampton, 1·6 in Birkenhead, and 1·7 in Norwich; from *whooping-cough*, 1·0 in Preston, 1·1 in Derby, 1·4 in Manchester, 1·7 in Norwich, 1·8 in Leicester, and 1·9 in Wolverhampton and in London; and from "*fever*," 1·0 in Preston. The 33 deaths from *diphtheria* in the twenty-eight towns included 16 in London, 4 in Liverpool, 3 in Newcastle-upon-Tyne, and 2 in Oldham. *Small-pox* caused 27 deaths in Sheffield, 4 in Leeds, one in London, and one in Bristol, but not one in any of the twenty-four other large provincial towns.

## LONDON.

In LONDON† 2556 BIRTHS and 1940 DEATHS were registered. Allowing for increase of population, the births were 361 below, whereas the deaths exceeded by 45, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 23·3 and 22·8 in the two preceding weeks, rose last week to 23·6. During the thirteen weeks of last quarter the death-rate averaged 20·0 per 1000, and was 1·2 below the mean rate in the corresponding periods of the ten years 1877-86.

The 1940 deaths included 1 from small-pox, 25 from measles, 25 from scarlet fever, 16 from diphtheria, 152 from whooping-cough, 22 from enteric fever, 1 from an ill-defined form of continued fever, 11 from diarrhoea and dysentery, and

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



not one from typhus or cholera; thus, 253 deaths were referred to these diseases, being 14 above the corrected average weekly number.

One death from *small-pox* was registered, the corrected average being 17; the death occurred in the Metropolitan Asylum Hospital at Homerton, and was of an adult female admitted from Mile End Old Town sanitary area. There were 6 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last (3 having been admitted during the week), and not one in the Highgate Small-pox Hospital. The death of an infant, aged one year, was attributed to chicken-pox. The deaths from *measles*, which had been 30, 28, and 25 in the three preceding weeks, were again 25 last week, and were 33 below the corrected average. The 25 fatal cases of *scarlet fever* (of which 11 occurred in hospitals) showed a further considerable decline from the numbers returned in recent weeks, and were 18 below the corrected average; 2 belonged to Chelsea, 2 to Hackney, 2 to Bethnal Green, 3 to Lambeth, and 3 to Camberwell sanitary areas. At the end of last week the Metropolitan Asylum Hospitals contained 1792 scarlet fever patients (there were also 116 in the London Fever Hospital), against numbers declining in the five preceding weeks from 2557 to 1959; 148 cases were admitted to the Metropolitan Asylum Hospitals during last week, against 120 and 147 in the two preceding weeks. The deaths from *diphtheria*, which had been 22 and 28 in the two previous weeks, declined last week to 16, but exceeded the corrected average by one; 2 belonged to Paddington and 2 to Hackney sanitary areas. The 152 fatal cases of *whooping-cough* showed a further marked increase upon recent weekly numbers, and exceeded the corrected average by 80; 20 belonged to Islington, 15 to Shoreditch, 15 to Bethnal Green, 9 to Mile End Old Town, and 9 to Poplar sanitary areas. The annual death-rate from whooping-cough last week, which was 1·9 per 1000 in the whole of London, was no less than 4·3 in the Eastern group of sanitary areas. The 11 deaths attributed to *diarrhœa* and *dysentery* were 2 below the corrected average.

The deaths referred to *enteric fever*, which had been 15, 19, and 28 in the three preceding weeks, were last week 22, and exceeded the corrected average by 6; 2 belonged to Hammersmith, 3 to Pancras, 3 to Islington, 2 to Poplar, 2 to Lambeth, and 2 to Camberwell sanitary areas. The death of a male, aged 70 years, in St. Thomas' Hospital, was indefinitely referred to "fever, chronic meningitis." The Metropolitan Asylum Hospitals contained 155 cases of enteric fever, and 3 of typhus, on Saturday last; 19 cases of enteric fever, but not one of typhus, were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 442 and 502 in the two preceding weeks, further rose last week to 579, and exceeded the corrected average by 44.

Different forms of violence caused 69 deaths; 56 were the result of negligence or accident, among which were 21 from fractures and contusions, 7 from burns and scalds, 6 from drowning, 3 from poison, and 16 of infants under one year of age from suffocation. The 21 deaths from fractures and contusions were thus caused:—3 by accidents from vehicles in the streets, 2 by accidents on railways, 3 by falling down stairs, 10 by fall in walking or otherwise, 1 by a blow from a swing door, 1 by a blow from a gas bracket, and 1 from a fracture the cause of which was not stated. An inquest was held in each of these 21 cases. Eleven cases of suicide were registered.

#### GREATER LONDON.

In Greater London 3312 births and 2458 deaths were registered, corresponding to annual rates of 31·3 and 23·2 per 1000 of the population. In the Outer Ring 37 deaths from whooping-cough, 15 from diphtheria, 10 from measles, and 6 from "fever," were registered. The deaths from whooping-cough included 17 in West Ham district, and 6 in Tottenham sub-district. Of the 15 fatal cases of diphtheria, 4 occurred in Walthamstow, 3 in West Ham, 3 in Edmonton, and 3 in Enfield sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·45 in.; the lowest reading was 30·26 in. at the beginning of the week, and the highest 30·53 in. on Tuesday morning. The mean temperature of the *air* was 38°·1, and 0°·1 above the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Sunday and Monday, whereas it was below the average on each of the other days of the week. The general direction of the *wind* was S.W. and E., and the horizontal movement of the air averaged 6·3 miles per hour, which was 7·0 miles below the average in the corresponding weeks of 16 years. *Rain* fell on Thursday, to the amount of 0·02 of an inch. The duration of registered bright sunshine in the week was 0·0 hours, against 0·5 of an hour at Glynde Place, Lewes.

TABLE 1.—Births, Deaths, and Meteorology in 28 Great Towns, during the Week ending 14th January, 1888.

| CITIES<br>AND<br>BOROUGHES. | Registered during<br>the Week ending<br>14th Jan., 1888. |      |      | The DEATHS registered in the Week include |  |            |          |                   |             |                     |        |            |           |                |                                      |                                  |      | ANNUAL RATE<br>PER 1000, corresponding<br>to the<br>Week's Deaths |                                    |             |      | TEMPERATURE OF THE AIR. |                         |      |                | RAINFALL. |  | CITIES<br>AND<br>BOROUGHES. |
|-----------------------------|--|------|------|---|--|------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|----------------|--------------------------------------|----------------------------------|------|---|------------------------------------|-------------|------|-------------------------|-------------------------|------|----------------|-----------|--|-----------------------------|
|                             | 1.   | 2.   | 3.   | Deaths from                               |  |            |          |                   |             |                     |        |            |           |                |                                      |                                  |      | From All<br>Causes.   | From<br>Diseases in<br>Cols. 9-12. | Fahrenheit. |      | In<br>Inches.           | In<br>Centi-<br>metres. |      |                |           |  |                             |
|                             |  |      |      | Infants under<br>1 Year of<br>Age.        | Persons aged<br>60 Years<br>and upwards. | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unidentified<br>Causes of Death. |      |   |                                    |             |      |                         |                         |      |                |           |  |                             |
|                             |  |      |      |   |  |            |          |                   |             |                     |        |            |           |                |                                      |                                  |      |   |                                    |             |      |                         |                         |      |                |           |  |                             |
| Cols.                       | 4.   | 5.   | 6.   | 7.  | 8.                                       | 9.         | 10.      | 11.               | 12.         | 13.                 | 14.    | 15.        | 16.       | 17.            | 18.                                  | 19.                              | 20.  | 21.   | 22.                                | 23.         | 24.  | Cols.                   |                         |      |                |           |  |                             |
| 28 TOWNS* -                 | 9,398,273  | 5875 | 4194 | 836                                       | 1104                                     | 33         | 60       | 68                | 33          | 208                 | 47     | 27         | 152       | 302            | 766                                  | 67                               | 23·3 | 2·6   | 56·2                               | 22·0        | 39·0 | 3·89                    | 0·06                    | 0·15 | - 28 TOWNS.    |           |  |                             |
| LONDON*                     | -  | 2556 | 1940 | 387                                       | 541                                      | 1          | 25       | 25                | 16          | 152                 | 23     | 11         | 69        | 146            | 436                                  | 16                               | 23·6 | 3·1   | 51·0                               | 29·6        | 38·1 | 3·39                    | 0·02                    | 0·05 | LONDON.        |           |  |                             |
| BRIGHTON -                  | -  | 47   | 42   | 12  | 12                                       | -          | -        | -                 | -           | 1                   | -      | -          | 1         | 6              | 4                                    | -                                | 18·3 | 0·4   | 46·7                               | 31·0        | 37·6 | 3·11                    | 0·05                    | 0·13 | BRIGHTON.      |           |  |                             |
| PORTSMOUTH -                | -  | 79   | 55   | 11  | 19                                       | -          | -        | -                 | -           | 2                   | 1      | -          | 2         | 6              | 9                                    | 1                                | 20·6 | 1·1   | -                                  | -           | -    | -                       | -                       | -    | PORTSMOUTH.    |           |  |                             |
| NORWICH -                   | -  | 56   | 41   | 10  | 15                                       | -          | -        | 3                 | -           | 3                   | -      | -          | 1         | 2              | 2                                    | -                                | 22·8 | 3·3   | -                                  | -           | -    | -                       | -                       | -    | NORWICH.       |           |  |                             |
| PLYMOUTH -                  | -  | 38   | 42   | 11  | 13                                       | -          | 1        | -                 | -           | 1                   | -      | -          | 2         | 4              | 2                                    | 1                                | 28·2 | 1·3   | 50·6                               | 31·0        | 42·4 | 5·78                    | 0·09                    | 0·23 | PLYMOUTH.      |           |  |                             |
| BRISTOL -                   | -  | 143  | 106  | 20  | 37                                       | 1          | -        | 5                 | -           | 1                   | 2      | 1          | 3         | 6              | 20                                   | 1                                | 24·4 | 2·3   | 52·0                               | 27·4        | 36·1 | 2·28                    | 0·06                    | 0·15 | BRISTOL.       |           |  |                             |
| WOLVERHAMPTON -             | -  | 58   | 45   | 11  | 12                                       | -          | -        | 2                 | 1           | 3                   | 1      | -          | 4         | 4              | 7                                    | -                                | 28·7 | 4·5   | 52·7                               | 27·5        | 36·8 | 2·67                    | 0·06                    | 0·15 | WOLVERHAMPTON. |           |  |                             |
| BIRMINGHAM -                | -  | 261  | 211  | 33  | 64                                       | -          | 14       | 2                 | 1           | 4                   | 1      | 3          | 11        | 22             | 44                                   | 3                                | 24·6 | 2·9   | -                                  | -           | -    | -                       | -                       | -    | BIRMINGHAM.    |           |  |                             |
| LEICESTER* -                | -  | 93   | 43   | 15  | 9  | -          | -        | 1                 | -           | 5                   | -      | -          | 1         | 6              | 10                                   | -                                | 15·3 | 2·1   | 53·4                               | 29·0        | 36·2 | 2·33                    | 0·08                    | 0·20 | LEICESTER.     |           |  |                             |
| NOTTINGHAM* -               | -  | 135  | 100  | 22  | 26                                       | -          | 5        | 1                 | 1           | 4                   | 2      | 1          | 5         | 7              | 16                                   | -                                | 22·6 | 3·2   | 56·2                               | 26·2        | 37·6 | 3·11                    | 0·06                    | 0·15 | NOTTINGHAM.    |           |  |                             |
| DERBY -                     | -  | 41   | 35   | 12  | 5  | -          | 2        | -                 | -           | 2                   | 1      | -          | -         | 6              | 4                                    | -                                | 19·0 | 2·7   | -                                  | -           | -    | -                       | -                       | -    | DERBY.         |           |  |                             |
| BIRKENHEAD -                | -  | 59   | 34   | 10  | 7  | -          | -        | 3                 | -           | -                   | 1      | -          | -         | 1              | 1                                    | -                                | 17·7 | 2·1   | -                                  | -           | -    | -                       | -                       | -    | BIRKENHEAD.    |           |  |                             |
| LIVERPOOL -                 | -  | 381  | 241  | 43  | 53                                       | -          | 2        | 5                 | 4           | 5                   | 2      | -          | 10        | 11             | 46                                   | 10                               | 21·0 | 1·6   | 53·3                               | 29·7        | 39·3 | 4·06                    | 0·07                    | 0·18 | LIVERPOOL.     |           |  |                             |
| BOLTON -                    | -  | 89   | 52   | 10  | 5  | -          | 2        | -                 | 1           | 2                   | -      | 1          | 1         | 1              | 6                                    | 3                                | 23·9 | 2·8   | -                                  | -           | -    | -                       | -                       | -    | BOLTON.        |           |  |                             |
| MANCHESTER -                | -  | 334  | 253  | 53  | 61                                       | -          | -        | 6                 | 1           | 10                  | 2      | 3          | 9         | 20             | 50                                   | 4                                | 34·9 | 3·0   | -                                  | -           | -    | -                       | -                       | -    | MANCHESTER.    |           |  |                             |
| SALFORD*                    | -  | 146  | 91   | 20  | 24                                       | -          | 2        | -                 | 1           | 4                   | 2      | 2          | 2         | 2              | 5                                    | 5                                | 21·0 | 2·5   | -                                  | -           | -    | -                       | -                       | -    | SALFORD.       |           |  |                             |
| OLDHAM -                    | -  | 102  | 59   | 10  | 12                                       | -          | -        | 1                 | 2           | -                   | 1      | 1          | 1         | 2              | 4                                    | 1                                | 22·3 | 1·5   | -                                  | -           | -    | -                       | -                       | -    | OLDHAM.        |           |  |                             |
| BLACKBURN -                 | -  | 98   | 63   | 9   | 16                                       | -          | -        | 1                 | -           | -                   | 1      | 1          | 1         | 3              | 5                                    | 2                                | 27·6 | 1·3   | -                                  | -           | -    | -                       | -                       | -    | BLACKBURN.     |           |  |                             |
| PRESTON -                   | -  | 78   | 51   | 8   | 9  | -          | -        | -                 | -           | 2                   | 2      | 1          | 3         | 5              | 5                                    | 1                                | 25·8 | 2·5   | 50·0                               | 31·0        | 40·9 | 4·94                    | 0·17                    | 0·43 | PRESTON.       |           |  |                             |
| HUDDESFIELD -               | -  | 38   | 34   | 8   | 10                                       | -          | -        | 1                 | 1           | 1                   | -      | -          | -         | -              | 3                                    | 1                                | 19·4 | 1·7   | -                                  | -           | -    | -                       | -                       | -    | HUDDESFIELD.   |           |  |                             |
| HALIFAX -                   | -  | 36   | 29   | 5   | 10                                       | -          | -        | -                 | -           | -                   | -      | -          | -         | -              | 2                                    | 1                                | 18·9 | 0·0   | -                                  | -           | -    | -                       | -                       | -    | HALIFAX.       |           |  |                             |
| BRADFORD*                   | -  | 117  | 96   | 21  | 23                                       | -          | 4        | 4                 | -           | 2                   | -      | 1          | 4         | 7              | 6                                    | 3                                | 21·8 | 2·5   | 55·2                               | 30·1        | 42·0 | 5·56                    | 0·01                    | 0·03 | BRADFORD.      |           |  |                             |
| LEEDS -                     | -  | 223  | 155  | 34  | 31                                       | 4          | -        | 2                 | 1           | -                   | 1      | 1          | 4         | 11             | 13                                   | 5                                | 23·1 | 1·3   | -                                  | -           | -    | -                       | -                       | -    | LEEDS.         |           |  |                             |
| SHEFFIELD -                 | -  | 233  | 156  | 37  | 27                                       | 27         | -        | 3                 | -           | 1                   | 1      | 1          | 4         | 7              | 34                                   | 4                                | 25·3 | 5·4   | -                                  | -           | -    | -                       | -                       | -    | SHEFFIELD.     |           |  |                             |
| HULL -                      | -  | 124  | 71   | 11  | 22                                       | -          | 1        | 2                 | -           | 1                   | 1      | -          | 4         | 4              | 13                                   | 3                                | 18·3 | 1·3   | 55·0                               | 27·0        | 39·4 | 4·11                    | 0·03                    | 0·08 | HULL.          |           |  |                             |
| SUNDERLAND -                | -  | 91   | 36   | 8   | 13                                       | -          | 1        | -                 | -           | -                   | -      | -          | 5         | 5              | 4                                    | 1                                | 14·2 | 0·4   | 56·0                               | 29·5        | 41·7 | 5·39                    | 0·05                    | 0·13 | SUNDERLAND.    |           |  |                             |
| NEWCASTLE* -                | -  | 120  | 69   | 18  | 20                                       | -          | -        | -                 | 3           | 2                   | 1      | -          | 4         | 7              | 8                                    | -                                | 22·6 | 2·0   | 52·0                               | 31·0        | 38·6 | 3·67                    | 0·05                    | 0·13 | NEWCASTLE.     |           |  |                             |
| CARDIFF*                    | -  | 99   | 44   | 7   | 8  | -          | 1        | 1                 | -           | -                   | 1      | -          | 1         | 1              | 1                                    | 7                                | 21·1 | 1·4   | -                                  | -           | -    | -                       | -                       | -    | CARDIFF.       |           |  |                             |
| EDINBURGH -                 | -  | 139  | 130  | 24  | 31                                       | -          | 13       | -                 | 1           | 5                   | 1      | 1          | 3         | 2              | 18                                   | 39                               | 25·8 | 4·2   | 57·0                               | 28·5        | 41·6 | 5·33                    | 0·02                    | 0·05 | EDINBURGH.     |           |  |                             |
| GLASGOW -                   | -  | 298  | 253  | 57  | 50                                       | -          | 3        | -                 | 6           | 11                  | 3      | 4          | 9         | 9              | 32                                   | 52                               | 25·1 | 2·7   | -                                  | -           | -    | -                       | -                       | -    | GLASGOW.       |           |  |                             |
| DUBLIN -                    | -  | 167  | 242  | 36  | 69                                       | -          | 4        | 10                | 2           | 7                   | 5      | 4          | 6         | 7              | 71                                   | 43                               | 35·8 | 4·7   | 41·7                               | 33·7        | 42·8 | 6·00                    | 0·04                    | 0·10 | DUBLIN.        |           |  |                             |

\* See note on first page of this Return.



*Births and Deaths registered last Week.***TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the SECOND Weeks of Ten previous Years.**

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2681 | 2643 | 2595 | 2486 | 2665 | 2308 | 2681 | 2876 | 2695 | 2623 | 2917·3   | 2556 |
| Males . .           | 1342 | 1303 | 1328 | 1268 | 1362 | 1425 | 1370 | 1503 | 1363 | 1333 | 1482·7   | 1293 |
| Females .           | 1339 | 1340 | 1267 | 1218 | 1303 | 1383 | 1311 | 1373 | 1332 | 1290 | 1434·6   | 1263 |
| <b>TOTAL Deaths</b> | 1760 | 1873 | 1730 | 1604 | 1737 | 1567 | 1493 | 1855 | 1902 | 1860 | 1895·3   | 1940 |
| Males . .           | 863  | 972  | 852  | 816  | 873  | 777  | 758  | 899  | 942  | 893  | 942·7  | 961  |
| Females .           | 897  | 901  | 878  | 788  | 864  | 790  | 735  | 956  | 960  | 967  | 952·6  | 979  |

\* The numbers in this column are the average weekly numbers in the second weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

**TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.**

|  |   |   | Oct.<br>22. | Oct.<br>29. | Nov.<br>5. | Nov.<br>12. | Nov.<br>19. | Nov.<br>26. | Dec.<br>3. | Dec.<br>10. | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. |
|--|---|---|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|
| <b>TOTAL Births</b>                      | - | - | 2563        | 2581        | 2593       | 2634        | 2459        | 2632        | 2599       | 2497        | 2516        | 2406        | 2326        | 2845       | 2566        |
| <b>TOTAL Deaths</b>                      | - | - | 1566        | 1738        | 1735       | 1564        | 1638        | 1862        | 1705       | 1577        | 1625        | 1502        | 1882        | 1863       | 1940        |
| 0—20                                     | - | - | 683         | 822         | 820        | 786         | 757         | 884         | 792        | 763         | 755         | 764         | 893         | 860        | 815         |
| 20—40                                    | - | - | 223         | 210         | 212        | 190         | 252         | 237         | 199        | 202         | 196         | 171         | 216         | 202        | 257         |
| 40—60                                    | - | - | 305         | 310         | 304        | 252         | 273         | 292         | 232        | 245         | 291         | 227         | 324         | 341        | 327         |
| 60—80                                    | - | - | 278         | 327         | 321        | 271         | 298         | 374         | 361        | 300         | 316         | 280         | 361         | 379        | 441         |
| at 80 years & upwds.                     | - | - | 77          | 69          | 78         | 65          | 58          | 75          | 71         | 67          | 67          | 60          | 88          | 86         | 100         |
| Deaths of children { Under 1 year        | - | - | 323         | 394         | 393        | 396         | 379         | 423         | 358        | 345         | 342         | 362         | 458         | 387        | 367         |
| { 1—5                                    | - | - | 245         | 287         | 302        | 279         | 263         | 325         | 314        | 307         | 306         | 294         | 325         | 351        | 337         |
| { 5—20                                   | - | - | 115         | 141         | 125        | 111         | 115         | 136         | 120        | 111         | 107         | 103         | 110         | 122        | 111         |
| <b>Deaths from Small-pox</b>             | - | - | -           | 1           | -          | 1           | -           | 1           | -          | -           | -           | -           | -           | -          | 1           |
| "    "    Measles                        | - | - | 18          | 33          | 30         | 38          | 25          | 27          | 26         | 32          | 17          | 30          | 28          | 25         | 25          |
| "    "    Scarlet fever                  | - | - | 58          | 60          | 69         | 62          | 41          | 54          | 54         | 42          | 41          | 39          | 40          | 37         | 25          |
| "    "    Diphtheria                     | - | - | 21          | 31          | 19         | 30          | 25          | 31          | 28         | 27          | 23          | 24          | 22          | 28         | 16          |
| "    "    Whooping-cough                 | - | - | 36          | 44          | 44         | 33          | 54          | 75          | 67         | 70          | 106         | 104         | 130         | 120        | 152         |
| "    "    Typhus                         | - | - | -           | 1           | -          | 1           | 1           | -           | 1          | -           | -           | -           | -           | 1          | -           |
| "    "    Enteric fever                  | - | - | 17          | 16          | 25         | 17          | 23          | 18          | 23         | 30          | 18          | 15          | 19          | 28         | 22          |
| "    "    Simple Cont <sup>d</sup> fever | - | - | 1           | -           | 1          | -           | 1           | -           | -          | 1           | 2           | 1           | -           | 2          | 1           |
| "    "    Diarrhoea and                  | - | - | -           | -           | -          | -           | -           | -           | -          | -           | -           | -           | -           | -          | -           |
| "    "    Dysentery                      | - | - | 11          | 16          | 20         | 12          | 11          | 18          | 14         | 12          | 12          | 8           | 12          | 12         | 11          |
| "    "    Cholera                        | - | - | -           | -           | -          | -           | -           | -           | -          | -           | -           | -           | -           | -          | -           |
| Deaths from the above-mentioned Diseases | - | - | 162         | 202         | 203        | 194         | 181         | 224         | 213        | 214         | 219         | 221         | 251         | 253        | 253         |
| "    "    Dis. of Respiratory System     | - | - | 370         | 485         | 506        | 438         | 461         | 560         | 455        | 408         | 413         | 357         | 442         | 502        | 579         |
| "    "    Phthisis                       | - | - | 164         | 168         | 162        | 130         | 177         | 169         | 131        | 138         | 145         | 129         | 162         | 161        | 187         |
| "    "    Dis. of Circulatory System     | - | - | 151         | 154         | 125        | 113         | 139         | 139         | 160        | 125         | 113         | 133         | 142         | 166        | 160         |
| Violent Deaths                           | - | - | 61          | 66          | 49         | 44          | 60          | 56          | 64         | 49          | 53          | 46          | 74          | 65         | 69          |
| Inquest Cases                            | - | - | 128         | 133         | 116        | 104         | 122         | 132         | 148        | 105         | 122         | 113         | 165         | 156        | 146         |
| Deaths in Public Institutions            | - | - | 327         | 376         | 368        | 308         | 380         | 385         | 386        | 317         | 373         | 316         | 380         | 366        | 436         |
| <b>TEMPERATURE OF THE AIR</b>            |   |   |             |             |            |             |             |             |            |             |             |             |             |            |             |
| Mean                                     | - | - | 43·8        | 43·1        | 45·4       | 45·3        | 34·1        | 38·7        | 43·3       | 40·4        | 41·7        | 34·9        | 32·1        | 40·2       | 38·1        |
| Mean of Highest readings                 | - | - | 51·7        | 51·3        | 52·0       | 49·3        | 38·7        | 42·6        | 47·8       | 45·6        | 46·2        | 38·0        | 35·4        | 44·8       | 41·4        |
| Mean of Lowest readings                  | - | - | 35·0        | 34·7        | 39·3       | 41·9        | 29·4        | 33·6        | 38·5       | 35·4        | 36·3        | 31·1        | 28·0        | 35·4       | 34·3        |
| Humidity of the Air                      | - | - | 84          | 79          | 85         | 91          | 88          | 91          | 87         | 84          | 88          | 89          | 79          | 88         | 97          |
| Rain-fall in inches                      | - | - | 0·00        | 0·29        | 1·82       | 0·99        | 0·53        | 0·31        | 0·48       | 0·47        | 0·81        | 0·17        | 0·02        | 0·40       | 0·02        |
| Registered Sunshine (in hours)           | - | - | 13·4        | 25·7        | 25·5       | 6·4         | 11·0        | 0·2         | 7·4        | 2·9         | 5·8         | 1·9         | 6·2         | 4·1        | 0·0         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

**METEOROLOGICAL OBSERVATIONS. (See TABLE 2.)**

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SECOND Week of the Year 1888.

| CAUSES OF DEATH.                             | Corrected Averages for the 2nd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 14th January 1888. |                  |                  |                  |                       |           |                  |                  | Corrected Averages for the 2nd Weeks of the 10 years 1878-87.* | CAUSES OF DEATH. | ALL AGES. | In the Week ending Saturday, 14th January 1888. |                       |    |    |    |     |    |  |
|--|--|---|------------------|------------------|------------------|-----------------------|-----------|------------------|------------------|--|------------------|-----------|---|-----------------------|----|----|----|-----|----|--|
|  |  | Deaths of Persons of the Ages                   |                  |                  |                  |                       |           |                  |                  |  |                  |           | Deaths of Persons of the Ages                   |                       |    |    |    |     |    |  |
|  |  | ALL AGES.                                       |                  |                  |                  |                       |           |                  |                  |  |                  |           | ALL AGES.                                       |                       |    |    |    |     |    |  |
|  |  | Under 20.                                       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | Under 20. | 20 and under 40. | 40 and under 60. |  |                  |           | 60 and under 80.                                | 80 Years and upwards. |    |    |    |     |    |  |
| ALL CAUSES -                                 | 1895.3   | 1940  | 367              | 337              | 111              | 257                   | 327       | 441              | 100              |  |                  |           |   |                       |    |    |    |     |    |  |
| Small-pox { Vaccinated † -                   | 17.0 {   | -   | -                | -                | -                | -                     | -         | -                | -                | Diseases of Organs of Special Sense † -                        | 2.6              | 1         | 1   | -                     | -  | -  | -  | -   | -  |  |
| Unvaccinated -                               |  | -   | -                | -                | -                | -                     | -         | -                | -                | Diseases of Circulatory System -                               | 137.1            | 169       | -   | 3                     | 16 | 27 | 36 | 70  | 8  |  |
| No Statement -                               |  | 1   | -                | -                | 1                | -                     | -         | -                | -                | Croup -  | 16.0             | 20        | 2   | 15                    | 3  | -  | -  | -   | -  |  |
| Measles -                                    | 53.2   | 25  | 7                | 14               | 3                | 1                     | -         | -                | -                | Bronchitis -   | 344.3            | 352       | 56  | 53                    | 1  | 19 | 53 | 136 | 34 |  |
| Scarlet Fever -                              | 42.7   | 25  | -                | 17               | 8                | -                     | -         | -                | -                | Pneumonia -  | 118.0            | 151       | 23  | 41                    | 10 | 27 | 32 | 15  | 3  |  |
| Typhus -                                     | 1.9  | -   | -                | -                | -                | -                     | -         | -                | -                | Pleurisy -   | 6.4              | 8         | -   | 2                     | -  | 2  | 1  | 3   | -  |  |
| Relapsing Fever † -                          | 0.0  | -   | -                | -                | -                | -                     | -         | -                | -                | Other Diseases of Respiratory System -                         | 49.3             | 48        | 6   | 10                    | -  | 2  | 17 | 13  | -  |  |
| Influenza -                                  | 0.2  | -   | -                | -                | -                | -                     | -         | -                | -                | Dentition † -  | 18.0             | 8         | 2   | 6                     | -  | -  | -  | -   | -  |  |
| Whooping-cough -                             | 71.7   | 152   | 52               | 93               | 4                | -                     | -         | -                | -                | Quinsy, Sore Throat † -  | 1.8              | -         | -   | -                     | -  | -  | -  | -   | -  |  |
| Diphtheria -                                 | 14.8   | 16  | -                | 7                | 7                | 1                     | 1         | -                | -                | Erysipelas -   | 7.4              | 9         | 5   | 1                     | -  | -  | 1  | 2   | -  |  |
| Simple Continued and Ill-defined Fever -     | 3.5  | 1   | -                | -                | -                | -                     | -         | 1                | -                | Peritonitis -  | 7.1              | 4         | -   | -                     | -  | 1  | 3  | -   | -  |  |
| Enteric Fever -                              | 15.7   | 22  | -                | 2                | 8                | 9                     | 2         | 1                | -                | Diseases of Liver -  | 29.9             | 26        | 1   | -                     | -  | 5  | 10 | 10  | -  |  |
| Cholera -                                    | 0.1  | -   | -                | -                | -                | -                     | -         | -                | -                | Other Diseases of Digestive System -                           | 33.5             | 33        | 7   | 2                     | 3  | 5  | 5  | 9   | 2  |  |
| Diarrhoea, Dysentery -                       | 13.4   | 11  | 4                | 2                | -                | -                     | 1         | 4                | -                | Diseases of Lymphatic System & of Ductless Glands † -          | 3.7              | 3         | -   | 1                     | -  | 2  | -  | -   | -  |  |
| Remittent Fever -                            | 0.9  | -   | -                | -                | -                | -                     | -         | -                | -                | Diseases of Urinary System -                                   | 40.3             | 46        | 1   | 1                     | 2  | 11 | 15 | 14  | 2  |  |
| Hydrophobia -                                | 0.1  | -   | -                | -                | -                | -                     | -         | -                | -                | Diseases of Generative System -                                | 5.9              | 5         | -   | -                     | -  | 1  | 2  | 2   | -  |  |
| Glanders -                                   | 0.0  | -   | -                | -                | -                | -                     | -         | -                | -                | Accidents of Childbirth -                                      | 4.8              | 2         | -   | -                     | -  | 1  | 1  | -   | -  |  |
| Cowpox and Effects of Vaccination † -        | 0.4  | -   | -                | -                | -                | -                     | -         | -                | -                | Diseases of Locomotive System † -                              | 8.3              | 11        | 1   | -                     | 2  | 4  | 2  | 2   | -  |  |
| Venereal Affections -                        | 11.8   | 7   | 6                | -                | -                | 1                     | -         | -                | -                | Diseases of Integumentary System -                             | 6.8              | 2         | 1   | -                     | -  | -  | 1  | -   | -  |  |
| Erysipelas -                                 | 9.9  | 12  | 5                | -                | 1                | -                     | 5         | -                | -                | <b>VIOLENT DEATHS. ‡</b>                                       |                  |           |   |                       |    |    |    |     |    |  |
| Pyæmia and Septicæmia †                      | 0.9  | 3   | 2                | -                | -                | 1                     | -         | -                | -                | ACCIDENT.)   |                  |           |   |                       |    |    |    |     |    |  |
| Puerperal Fever -                            | 8.2  | 14  | -                | -                | 2                | 11                    | 1         | -                | -                | Fracture and Contusion -                                       | 22.8             | 21        | 1   | 1                     | 1  | 1  | 10 | 5   | 2  |  |
| Other Zymotic Diseases †                     | 1.4  | 2   | -                | 1                | 1                | -                     | -         | -                | -                | Gunshot Wound -  | 0.1              | -         | -   | -                     | -  | -  | -  | -   | -  |  |
| Thrush -                                     | 2.4  | 1   | 1                | -                | -                | -                     | -         | -                | -                | Cut, Stab -  | 0.8              | -         | -   | -                     | -  | -  | -  | -   | -  |  |
| Worms and other Parasitical Diseases -       | 0.1  | 1   | -                | -                | 1                | -                     | -         | -                | -                | Burn and Scald -   | 11.0             | 7         | -   | 5                     | -  | 1  | 1  | -   | -  |  |
| Starvation, Want of Breast-milk † -          | 1.8  | -   | -                | -                | -                | -                     | -         | -                | -                | Poison -   | 0.9              | 3         | -   | 1                     | 1  | -  | -  | -   | -  |  |
| Alcoholism -                                 | 4.6  | 4   | -                | -                | 2                | 2                     | -         | -                | -                | Drowning -   | 4.4              | 6         | -   | -                     | 4  | 2  | -  | -   | -  |  |
| Rheumatic Fever and Rheumatism of Heart †    | 11.4   | 15  | -                | 4                | 5                | 5                     | 1         | -                | -                | Suffocation -  | 13.8             | 17        | 16  | 1                     | -  | -  | -  | -   | -  |  |
| Rheumatism -                                 | -  | 1   | -                | -                | -                | -                     | 1         | -                | -                | Otherwise -  | 2.9              | 2         | 1   | -                     | 1  | -  | -  | -   | -  |  |
| Gout -                                       | 3.2  | 4   | -                | -                | -                | 1                     | 2         | 1                | -                | (HOMICIDE.)  |                  |           |   |                       |    |    |    |     |    |  |
| Rickets † -                                  | 2.3  | 5   | -                | 5                | -                | -                     | -         | -                | -                | Murder & Manslaughter  | 1.6              | 2         | 1   | -                     | -  | -  | 1  | -   | -  |  |
| Cancer -                                     | 50.4   | 42  | -                | -                | 1                | 6                     | 15        | 20               | -                | (SUICIDE.)   |                  |           |   |                       |    |    |    |     |    |  |
| Tabes Mesenterica -                          | 25.7   | 17  | 10               | 4                | 3                | -                     | -         | -                | -                | Gunshot Wound -  | 0.8              | 1         | -   | -                     | -  | 1  | -  | -   | -  |  |
| Tubercular Meningitis -                      | 22.2   | 18  | 4                | 11               | 2                | 1                     | -         | -                | -                | Cut, Stab -  | 1.3              | 3         | -   | -                     | -  | 2  | 1  | 1   | -  |  |
| Phthisis -                                   | 182.0  | 187   | 1                | 3                | 11               | 83                    | 72        | 17               | -                | Poison -   | 2.0              | 2         | -   | -                     | -  | -  | -  | -   | -  |  |
| Serofula, Tuberculosis -                     | 15.2   | 24  | 5                | 9                | 6                | 3                     | -         | 1                | -                | Drowning -   | 0.8              | 3         | -   | -                     | -  | 1  | 1  | -   | 1  |  |
| Other Constitutional Diseases † -            | 12.9   | 11  | -                | -                | 1                | 3                     | 4         | 3                | -                | Hanging -  | 1.9              | 1         | -   | -                     | -  | 1  | -  | -   | -  |  |
| Premature Birth -                            | 33.5   | 45  | 45               | -                | -                | -                     | -         | -                | -                | Otherwise -  | 0.9              | 1         | -   | -                     | -  | 1  | -  | -   | -  |  |
| Atelectasis † -                              | 2.1  | 1   | 1                | -                | -                | -                     | -         | -                | -                | (EXECUTION.)   |                  |           |   |                       |    |    |    |     |    |  |
| Congenital Malformations -                   | 8.7  | 5   | 4                | 1                | -                | -                     | -         | -                | -                | Hanging -  | 0.1              | -         | -   | -                     | -  | -  | -  | -   | -  |  |
| Old Age -                                    | 61.3   | 77  | -                | -                | -                | -                     | 36        | 41               | -                | OTHER CAUSES † -   | 70.1             | 43        | 88  | 4                     | -  | -  | 1  | 5   | -  |  |
| Apoplexy -                                   | 54.5   | 44  | -                | -                | 1                | 5                     | 12        | 23               | 3                |  |                  |           |   |                       |    |    |    |     |    |  |
| Epilepsy -                                   | 7.8  | 7   | -                | -                | -                | 2                     | -         | 4                | 1                |  |                  |           |   |                       |    |    |    |     |    |  |
| Convulsions -                                | 54.3   | 51  | 44               | 6                | 1                | -                     | -         | -                | -                |  |                  |           |   |                       |    |    |    |     |    |  |
| Other Diseases of Brain and Nervous System † | 95.9   | 83  | 13               | 12               | 3                | 5                     | 10        | 33               | 2                |  |                  |           |   |                       |    |    |    |     |    |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.041 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

|  |  | The DEATHS registered in the Week include         |                                     |                                  |                                 |                                    |             |          |                |             |                 |         |                                |                              |           |           |     |     |    |                                   |                                 |
|--|--|---|-------------------------------------|----------------------------------|---------------------------------|------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|-----------|-----------|-----|-----|----|-----------------------------------|---------------------------------|
| REGISTRATION   |  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1891. | Total<br>Births during the<br>Week. | Total DEATHS during the<br>Week. | Deaths of                       |                                    | Deaths from |          |                |             |                 |         |                                |                              |           |           |     |     |    | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| SUB-DISTRICTS.   |  |   |                                     |                                  | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued fever. | Diarrhea. | Violence. |     |     |    |                                   |                                 |
| LONDON.  |  | 3,815,704   | 2556                                | 1940                             | 367                             | 541                                | 1           | 25       | 25             | 16          | 152             | -       | 22                             | 1                            | 11        | 69        | 146 | 436 | 16 |                                   |                                 |
| WEST DISTRICTS.  |  | 669,633   | 393                                 | 316                              | 64                              | 89                                 | -           | 6        | 5              | 3           | 26              | -       | 3                              | -                            | 3         | 9         | 22  | 53  | 3  |                                   |                                 |
| NORTH DISTRICTS.   |  | 905,947   | 517                                 | 410                              | 76                              | 144                                | 1           | 9        | 5              | 3           | 27              | -       | 5                              | -                            | 4         | 12        | 29  | 93  | -  |                                   |                                 |
| CENTRAL DISTRICTS.   |  | 282,238   | 165                                 | 129                              | 20                              | 26                                 | -           | 1        | 1              | 2           | 8               | -       | -                              | -                            | -         | 10        | 13  | 45  | 1  |                                   |                                 |
| EAST DISTRICTS.  |  | 692,738   | 503                                 | 461                              | 98                              | 127                                | -           | 4        | 4              | 5           | 60              | -       | 3                              | -                            | -         | 13        | 45  | 123 | -  |                                   |                                 |
| SOUTH DISTRICTS.   |  | 1,285,148   | 973                                 | 593                              | 109                             | 155                                | -           | 5        | 9              | 3           | 31              | -       | 11                             | 1                            | 4         | 20        | 37  | 120 | 12 |                                   |                                 |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON. |  | -   | -                                   | 1                                | -                               | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -         | -         | -   | 1   | -  |                                   |                                 |
| WEST DISTRICTS.  |  |   |                                     |                                  |                                 |                                    |             |          |                |             |                 |         |                                |                              |           |           |     |     |    |                                   |                                 |
| St. Mary Paddington WHH G.J. & W.M.                                |  | 69883   | 49                                  | 43                               | 8                               | 8                                  | -           | -        | -              | 2           | 2               | -       | -                              | -                            | -         | 2         | 5   | 5   | -  |                                   |                                 |
| St. John Paddington H - G.J.                                       |  | 97330   | 11                                  | 16                               | 1                               | 8                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | -         | 1   | 6   | -  |                                   |                                 |
| Kensington Town Ww - W.M.  |  | 130141  | 82                                  | 29                               | 8                               | 11                                 | -           | 1        | -              | -           | 6               | -       | 1                              | -                            | -         | -         | -   | 4   | -  |                                   |                                 |
| Brompton H - W.M. & C.   |  | 43010   | 27                                  | 17                               | 3                               | 6                                  | -           | 2        | -              | -           | 2               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| St. Peter Hammersmith - W.M.                                       |  | 7399  | 2                                   | 5                                | 1                               | 3                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| St. Paul Hammersmith H W.M. & G.J.                                 |  | 64340   | 51                                  | 38                               | 7                               | 13                                 | -           | -        | -              | -           | 6               | -       | -                              | 1                            | -         | 3         | 1   | -   | -  |                                   |                                 |
| Fulham Ww - W.M. & C.  |  | 42500   | 63                                  | 38                               | 8                               | 5                                  | -           | 1        | 4              | -           | 4               | -       | 1                              | -                            | 1         | 1         | 10  | -   | -  |                                   |                                 |
| Chelsea South HHH - C.   |  | 30398   | 13                                  | 18                               | 4                               | 7                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| Chelsea North-west WHHHHH C.                                       |  | 24925   | 24                                  | 19                               | 5                               | 4                                  | -           | 1        | 1              | -           | -               | -       | -                              | -                            | -         | -         | -   | 9   | -  |                                   |                                 |
| Chelsea North-east - C.  |  | 32807   | 32                                  | 9                                | 3                               | 2                                  | -           | -        | -              | -           | -               | -       | -                              | 1                            | -         | 1         | -   | -   | -  |                                   |                                 |
| May Fair WW - G.J.   |  | 30333   | 9                                   | 10                               | 1                               | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | 2   | -  |                                   |                                 |
| Belgrave WHHH - C.   |  | 59220   | 21                                  | 32                               | 4                               | 8                                  | -           | -        | -              | -           | 3               | -       | -                              | -                            | -         | 1         | 2   | 12  | 3  |                                   |                                 |
| St. John Westminster HHH - C.                                      |  | 35496   | 13                                  | 23                               | 5                               | 6                                  | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -         | 2         | 4   | 1   | -  |                                   |                                 |
| St. Margaret Westminster H - C.                                    |  | 24679   | 6                                   | 6                                | -                               | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | 3   | -  |                                   |                                 |
| St. James Westminster WHH N.R. & G.J.                              |  | 29941   | 7                                   | 7                                | 3                               | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 2         | 2   | 1   | -  |                                   |                                 |
| St. Anne Soho HHHHHHH - N.R.                                       |  | 16603   | 13                                  | 6                                | 3                               | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | 1  |                                   |                                 |
| NORTH DISTRICTS.   |  |   |                                     |                                  |                                 |                                    |             |          |                |             |                 |         |                                |                              |           |           |     |     |    |                                   |                                 |
| All Souls Marylebone HHHH - W.M.                                   |  | 26759   | 7                                   | 12                               | 3                               | 2                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | 1         | 3   | 4   | -  |                                   |                                 |
| Cavendish Square HHHH - W.M.                                       |  | 14391   | 5                                   | 4                                | -                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | 1   | -  |                                   |                                 |
| Rectory Marylebone WH G.J. & W.M.                                  |  | 24809   | 10                                  | 7                                | 1                               | 4                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | 1   | -  |                                   |                                 |
| St. Mary Maryleb. HHH G.J. & W.M.                                  |  | 21118   | 16                                  | 7                                | 3                               | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| Christchurch Marylebone H - W.M.                                   |  | 33700   | 19                                  | 11                               | 3                               | 3                                  | -           | -        | -              | -           | -               | -       | -                              | 1                            | -         | -         | -   | -   | -  |                                   |                                 |
| St. John Marylebone H - W.M.                                       |  | 33633   | 10                                  | 12                               | 3                               | 7                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| Hampstead WwHHHH N.R. & W.M.                                       |  | 45452   | 24                                  | 20                               | 3                               | 4                                  | -           | 2        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1   | 2   | -  |                                   |                                 |
| Regent's Park Pancras H - W.M.                                     |  | 39115   | 16                                  | 12                               | 6                               | 4                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 4   | -   | -  |                                   |                                 |
| Tottenham-court WHHHH N.R. & W.M.                                  |  | 27723   | 12                                  | 25                               | 1                               | 2                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -   | 18  | -  |                                   |                                 |
| Gray's Inn Lane HHH - N.R.   |  | 30247   | 19                                  | 17                               | 4                               | 3                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -   | 5   | -  |                                   |                                 |
| Somers Town H - N.R.   |  | 34369   | 22                                  | 18                               | 4                               | 9                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | -         | 1   | 2   | -  |                                   |                                 |
| Barnes Town H - N.R.   |  | 17311   | 11                                  | 13                               | 2                               | 8                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 2   | 8   | -  |                                   |                                 |
| Camden Town WH - N.R.  |  | 37457   | 36                                  | 38                               | 4                               | 13                                 | -           | 3        | -              | -           | 1               | -       | 1                              | -                            | 1         | -         | 1   | 7   | -  |                                   |                                 |
| Upper Holloway WWWH - N.R.   |  | 67946   | 49                                  | 63                               | 9                               | 24                                 | -           | 1        | -              | 1           | 9               | -       | 2                              | -                            | 2         | 4         | 21  | 4   | -  |                                   |                                 |
| Islington South-west HH - N.R.                                     |  | 10976   | 51                                  | 35                               | 7                               | 11                                 | -           | -        | 1              | 4           | 4               | -       | 2                              | -                            | -         | 2         | 3   | 4   | -  |                                   |                                 |
| Islington South-east - N.R.  |  | 18125   | 44                                  | 26                               | 6                               | 6                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 2         | 2   | -   | -  |                                   |                                 |
| Highbury H - N.R.  |  | 32043   | 29                                  | 21                               | 2                               | 10                                 | -           | -        | -              | 3           | -               | -       | -                              | -                            | -         | 2         | 1   | -   | -  |                                   |                                 |
| Stoke Newington H - N.R.   |  | 22731   | 19                                  | 5                                | -                               | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1   | -   | -  |                                   |                                 |
| Stamford Hill - E.L.   |  | 3277  | 9                                   | 5                                | -                               | 4                                  | -           | 1        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| West Hackney H - N.R.  |  | 37610   | 21                                  | 15                               | 3                               | 2                                  | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -         | 1         | 1   | -   | -  |                                   |                                 |
| Hackney WwWHH - E.L. & N.R.  |  | 78911   | 54                                  | 60                               | 10                              | 25                                 | 1           | 1        | 3              | -           | 3               | -       | 1                              | -                            | 1         | 1         | 2   | 19  | -  |                                   |                                 |
| South Hackney - E.L.   |  | 39383   | 34                                  | 14                               | 2                               | 4                                  | -           | -        | 1              | -           | 1               | -       | -                              | -                            | 1         | 1         | 1   | -   | -  |                                   |                                 |
| CENTRAL DISTRICTS.   |  |   |                                     |                                  |                                 |                                    |             |          |                |             |                 |         |                                |                              |           |           |     |     |    |                                   |                                 |
| St. George Bloomsbury - N.R.                                       |  | 13631   | 5                                   | 3                                | 1                               | 1                                  | -           | 1        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| St. Giles South WH - N.R.  |  | 14604   | 9                                   | -                                | -                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| St. Giles North - N.R.   |  | 13337   | 3                                   | 2                                | -                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| St. Martin-in-the-Fields HH N.R. & C.                              |  | 17503   | 5                                   | 14                               | 2                               | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 2         | 5         | 6   | 1   | -  |                                   |                                 |
| St. Mary-le-Strand H - N.R.  |  | 7515  | 3                                   | 7                                | -                               | 3                                  | -           | -        | -              | -           | 2               | -       | -                              | -                            | 1         | 1         | -   | -   | -  |                                   |                                 |
| St. Clement Danes H - N.R.   |  | 3559  | 1                                   | 5                                | 2                               | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 4   | -   | -  |                                   |                                 |
| Strand Union Workhouse, Edmonton w.                                |  | -   | -                                   | -                                | -                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| St. Geo.-the-Martyr HHHHHHH N.R.                                   |  | 13671   | 8                                   | 13                               | 2                               | 2                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | -         | -   | 8   | -  |                                   |                                 |
| St. Andrew Eastern W - N.R.  |  | 10706   | 7                                   | 6                                | -                               | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 2   | -   | -  |                                   |                                 |
| Saffron Hill H - N.R.  |  | 6533  | 2                                   | 2                                | 1                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| St. James Clerkenwell - N.R.                                       |  | 17516   | 20                                  | 4                                | 1                               | 2                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1         | 1         | -   | -   | -  |                                   |                                 |
| Amwell Clerkenwell - N.R.  |  | 19231   | 13                                  | 3                                | 1                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| Pentonville - N.R.   |  | 14773   | 13                                  | 4                                | 3                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| Goswell-street - N.R.  |  | 17403   | 19                                  | 7                                | 2                               | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| Old-street H - N.R.  |  | 11541   | 9                                   | 7                                | 1                               | -                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| City-road HHL - N.R.   |  | 18628   | 19                                  | 10                               | 2                               | 1                                  | -           | -        | -              | -           | 2               | -       | -                              | -                            | -         | -         | -   | 2   | -  |                                   |                                 |
| Whitecross-street - N.R.   |  | 3217  | 5                                   | 8                                | 1                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | -   | -   | -  |                                   |                                 |
| Finsbury - N.R.  |  | 7463  | 3                                   | 3                                | -                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| Holborn Union Workhouse, Mitcham, w.                               |  | -   | -                                   | 1                                | -                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1   | -   | -  |                                   |                                 |
| St. Botolph H - N.R. & E.L.  |  | 11174   | 5                                   | 4                                | -                               | 1                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | 1         | 2   | -   | -  |                                   |                                 |
| Cripplegate - N.R.   |  | 7193  | 5                                   | 1                                | -                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| St. Sepulchre H - N.R.   |  | 3393  | 2                                   | 20                               | 1                               | 2                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | 3         | 2         | 20  | -   | -  |                                   |                                 |
| St. Bride W - N.R.   |  | 3393  | 3                                   | 3                                | 1                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | -   | -   | -  |                                   |                                 |
| Allhallows Barking - N.R.  |  | 13666   | 5                                   | 6                                | -                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |
| Broad Street H - N.R.  |  | 5652  | 1                                   | 1                                | -                               | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -   | -   | -  |                                   |                                 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-  
houses; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands  
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies  
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London;  
and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 14th January, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |  |  | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                |  |  |                                     |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |  |  |                                   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |  |  |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 10<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |  |  |                                   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |  |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |  |  |                                   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EAST DISTRICTS.                |  |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |  |  |                                   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w.i.—

Marylebone Infirmary in Kensington sub-district.

General London Sick Asylum in Tottenham Court-road sub-district.

Holborn Infirmary in Upper Holloway sub-district.

London City Workhouse in Hackney sub-district.

Holborn " in Hoxton New Town sub-district.

Whitechapel " in Mile End Old Town Eastern sub-dist.

London City " in Mile End Old Town Eastern sub-dist.

" " in Bromley sub-district.

\* Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in West Battersea sub-district.

Strand and Holborn Workhouses outside Registration London.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 14th January, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                   |             |          |                |             |                 |        |            |           |                |                                   |                                 |
|---|----------------------------------|--|---|---------|---------|---|-----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|---------------------------------|
|   |                                  |  |   |         |         | Deaths of                                 |                                   | Deaths from |          |                |             |                 |        |            |           |                |                                   |                                 |
|   |                                  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwds. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
|   |                                  |  |   |         |         |   |                                   |             |          |                |             |                 |        |            |           |                |                                   |                                 |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957   | 756     | 518     | 116                                       | 127                               | -           | 10       | 3              | 15          | 37              | 6      | 4          | 15        | 22             | 57                                | 9                               |
| 80:1  | Carshalton <i>wL</i> -           | 12228  | 21118   | 5       | 18      | 2   | 5                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 13                                | -                               |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710   | 9       | 2       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                               |
| 37:1  | Godstone (part of)* -            | 2754   | 1235  | 1       | 1       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                               |
| 88:1  | Croydon <i>WwHHL</i> -           | 20851  | 101241  | 71      | 40      | 4   | 15                                | -           | -        | -              | -           | 1               | -      | 1          | 2         | 3              | 11                                | -                               |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17932   | 12      | 8       | 3   | 3                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 89:1  | Wimbledon <i>HHH</i> -           | 3220   | 15950   | 19      | 5       | -   | 3                                 | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                               |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354   | 19      | 19      | 1   | 8                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 6                                 | -                               |
| 3   | Esher (part of)* -               | 6601   | 9221  | 2       | 3       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 4   | Hampton <i>H</i> -               | 4573   | 13539   | 5       | 5       | -   | 3                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                               |
| 40:1  | Richmond <i>WH</i> -             | 2272   | 21302   | 8       | 12      | 3   | 4                                 | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | 1                                 | -                               |
| 2   | Mortlake -                       | 2941   | 12331   | 13      | 8       | 3   | 2                                 | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | -                               |
| 41:1  | Bromley (pt. of)* <i>HH</i>      | 15669  | 31142   | 28      | 12      | 6   | 4                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844   | 5       | 2       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 42:1  | Bexley <i>H</i> -                | 13437  | 24134   | 14      | 10      | 2   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 124:1   | Sunbury <i>w</i> -               | 11055  | 11685   | 4       | 8       | 1   | 3                                 | -           | -        | -              | -           | -               | 1      | -          | -         | 1              | -                                 | -                               |
| 2   | Staines <i>W</i> -               | 13277  | 12069   | 8       | 3       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 125:1   | Hillingdon <i>WHH</i> -          | 6029   | 10802   | 9       | 5       | 1   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Uxbridge -                       | 6178   | 3225  | 4       | 2       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Hayes <i>wHL</i> -               | 14587  | 11523   | 3       | 6       | -   | -                                 | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 6                                 | -                               |
| 126:1   | Uxbridge <i>WHH</i> -            | 7008   | 22727   | 21      | 12      | 4   | 3                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 | -                               |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479   | 5       | 4       | 1   | 2                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 2              | -                                 | -                               |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649   | 10      | 11      | 4   | 1                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 2                                 | -                               |
| 4   | Chiswick -                       | 1340   | 15975   | 11      | 7       | 1   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 5   | Acton <i>wH</i> -                | 6083   | 22376   | 20      | 13      | 6   | 1                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 127:1   | Harrow <i>H</i> -                | 13809  | 12706   | 6       | 10      | 3   | 3                                 | -           | -        | -              | -           | 1               | 1      | -          | 1         | 1              | -                                 | -                               |
| 2   | Edgware <i>H</i> -               | 6994   | 3749  | 1       | 1       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Willesden -                      | 4383   | 37453   | 26      | 17      | 6   | 2                                 | -           | 2        | -              | -           | 1               | 1      | 1          | -         | -              | -                                 | -                               |
| 4   | Hendon <i>W</i> -                | 8332   | 10484   | 10      | 4       | -   | 2                                 | -           | -        | -              | -           | -               | 1      | -          | -         | -              | 2                                 | -                               |
| 128:1   | South Mimms -                    | 15599  | 6391  | 6       | 4       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Barnet -                         | 5433   | 10092   | 7       | 4       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                               |
| 3   | Finchley <i>HL</i> -             | 4698   | 17615   | 8       | 7       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4                                 | -                               |
| 129:1   | Hornsey <i>H</i> -               | 3089   | 37078   | 26      | 15      | 4   | 4                                 | -           | -        | 1              | -           | 1               | -      | -          | 1         | 2              | -                                 | -                               |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456   | 54      | 31      | 11  | 4                                 | -           | 1        | -              | 1           | 6               | -      | -          | -         | 1              | 1                                 | 1                               |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23463   | 16      | 19      | 3   | 4                                 | -           | -        | 1              | 3           | 3               | 1      | -          | -         | -              | 1                                 | -                               |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104   | 41      | 17      | 6   | 3                                 | -           | -        | -              | 3           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 5   | Waltham Abbey -                  | 11017  | 5343  | 2       | 4       | -   | 1                                 | -           | 1        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 6   | Cheshunt -                       | 8480   | 7735  | 5       | 5       | 2   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1                               |
| 135:1   | Hatfield (part of)* -            | 3306   | 585   | -       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 137:1   | Bushey -                         | 9331   | 6821  | 4       | 3       | 1   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 136:1   | Stratford -                      | 893  | 38603   | 21      | 19      | 6   | 1                                 | -           | -        | -              | -           | 4               | -      | -          | -         | -              | -                                 | 1                               |
| 2   | West Ham <i>wuwuH‡</i> -         | 7351   | 101058  | 121     | 79      | 16  | 14                                | -           | 5        | -              | 3           | 8               | -      | 1          | 3         | 3              | 1                                 | 5                               |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430   | 41      | 28      | 6   | 9                                 | -           | -        | -              | -           | 4               | -      | -          | -         | -              | 6                                 | -                               |
| 4   | Walthamstow <i>H</i> -           | 6530   | 26869   | 31      | 21      | 4   | 5                                 | -           | 1        | -              | 4           | 1               | -      | -          | -         | -              | -                                 | 1                               |
| 137:1   | Chigwell (part of)* <i>H</i>     | 11761  | 9689  | 8       | 5       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 139:1   | Romford (part of)* -             | 6730   | 3411  | 1       | 1       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Ilford -                         | 8493   | 7645  | 5       | 3       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                               |
| 3   | Barking Town -                   | 4127   | 9203  | 10      | 5       | 3   | 2                                 | -           | -        | -              | -           | 1               | 1      | -          | -         | -              | -                                 | -                               |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district.  
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).  
 ‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 14th January, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16  |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 23·2  | 3·1                                   | 2458                             | 483                                       | 668  | 1           | 35       | 28                | 31          | 189                 | 29     | 15         | 84        | 493 |  |                                   |
| INNER LONDON -            | 7,410  | 4,282,921                                      | 23·6  | 3·1                                   | 1940                             | 307                                       | 541  | 1           | 23       | 25                | 16          | 152                 | 23     | 11         | 69        | 436 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 21·7  | 3·1                                   | 518                              | 116                                       | 127  | -           | 10       | 3                 | 15          | 37                  | 6      | 4          | 15        | 57  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700,522 square miles, which is equivalent to the area of a circle having a radius of 14,933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,013,601 Persons.

| CITIES.          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of | DEATHS. Stillborn. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                                |
|------------------|---------------------------------------|-----------------------------|----------------------|--------------------|------------------------------------|---|
| CALCUTTA -       | 433,219                               | December 10                 | -                    | 260                | 31.3                               | Fevers 83; cholera 17; diarrhoeal diseases 31.                |
| BOMBAY -         | 773,196                               | " 27                        | -                    | -                  | -                                  | -   |
| MADRAS -         | 398,777                               | December 9                  | 314                  | 311                | 40.7                               | Fevers 66; cholera 14; diarrhoeal diseases 45.                |
| PARIS -          | 2,260,945                             | January 7                   | 1157                 | 1138               | 26.2                               | Typ. fever 33; sm.-pox 5; diph. & cp. 48; meas. 14.           |
| BRUSSELS -       | 450,708                               | " 7                         | 266                  | 198                | 22.8                               | Diarrhoeal diseases 15; whooping-cough 2.                     |
| AMSTERDAM -      | 378,969                               | " 7                         | 286                  | 180                | 24.0                               | Diph. 4; whooping-cough 6.                                    |
| ROTTERDAM -      | 190,521                               | " 7                         | 148                  | 97                 | 26.4                               | Scar. fev. 2; measles 4; whooping-cough 3.                    |
| THE HAGUE -      | 143,626                               | " 7                         | 106                  | 61                 | 22.1                               | Whooping-cough 4.   |
| COPENHAGEN -     | 290,000                               | " 3                         | 209                  | 152                | 27.3                               | Measles 6; scar. fev. 6; diph. 4; wh.-cough 4.                |
| STOCKHOLM -      | 216,807                               | December 31                 | 171                  | 103                | 24.7                               | Scarlet fever 6; diphtheria and croup 4.                      |
| CHRISTIANIA -    | 134,000                               | January 7                   | 100                  | 70                 | 27.2                               | Measles 24; diphtheria and croup 12.                          |
| ST. PETERSBURG   | 928,016                               | December 31                 | -                    | 501                | 28.2                               | Typ. and typh. fev. 17; sc. fev. 6; diph. 17; d. dis. 66.     |
| BERLIN -         | 1,385,991                             | " 24                        | 831                  | 502                | 18.5                               | Diph. 31; scar. fev. 4; whooping-cough 17.                    |
| HAMBURG (State)  | 529,091                               | " 31                        | 389                  | 337                | 33.2                               | Typhus and typh. fev. 18; d. & cp. 12; sc. fev. 5; d. ds. 53. |
| DRESDEN -        | 254,088                               | " 24                        | 142                  | 98                 | 20.1                               | Diphtheria and croup 6; measles 3.                            |
| BRESLAU -        | 308,105                               | " 31                        | 194                  | 158                | 27.2                               | Diphtheria 11; croup 3.                                       |
| MUNICH -         | 269,000                               | " 31                        | 171                  | 139                | 26.9                               | Diphtheria and croup 7; scarlet fever 4.                      |
| VIENNA -         | 790,381                               | " 31                        | 517                  | 350                | 23.0                               | Sm.-pox 4; diphtheria 5; scarlet fever 8.                     |
| PRAGUE -         | 295,857                               | January 7                   | -                    | 210                | 37.0                               | Small-pox 19; scarlet fever 7; typh. fev. 4.                  |
| BUDA-PESTH -     | 432,672                               | December 31                 | 310                  | 243                | 29.2                               | Sm.-px. 3; diph. & cp. 5; typ. & tpd. fev. 5; ms. 10.         |
| TRIESTE -        | 154,055                               | " 31                        | -                    | 115                | 38.8                               | Sm.-pox 10; diph. & cp. 6; typhoid fever 2.                   |
| ROME -           | 369,214                               | " 10                        | 269                  | 173                | 24.4                               | Small-pox 9; diph. 3; typhoid fever 2.                        |
| TURIN (10 days)- | 286,956                               | " 10                        | 196                  | 173                | 21.6                               | Sm.-pox 5; diphtheria 5; typhoid fever 3.                     |
| VENICE -         | 147,347                               | " 31                        | 71                   | 105                | 37.2                               | Diarrhoeal diseases 5.  |
| CAIRO -          | 374,838                               | " 22                        | 390                  | 339                | 47.2                               | Sm.-pox 3; typh. fev. 10; diarrhoeal diseases 121.            |
| ALEXANDRIA -     | 231,396                               | " 22                        | 257                  | 186                | 41.9                               | Diarrhoeal diseases 37.                                       |
| NEW YORK -       | 1,429,697                             | " 24                        | -                    | 700                | 25.5                               | Diph. 55; scar. fev. 21; typh. and typhd. fev. 4.             |
| BROOKLYN -       | 745,108                               | " 24                        | -                    | 297                | 20.5                               | Diph. 30; croup 14; scar. fever 15.                           |
| PHILADELPHIA -   | 993,801                               | " 24                        | -                    | 351                | 18.4                               | Diph. 15; scar. fev. 5; typhoid fever 11.                     |
| BALTIMORE -      | 417,220                               | " 24                        | -                    | 146                | 18.3                               | Diph. 2; typh. fever 2; measles 8.                            |



[Under the Superintendence of the Astronomer Royal.]

| 1888.    | MONTH AND DAY. | Phases of the Moon. | TEMPERATURE.   |           |             |              | TEMPERATURE.              |                                  |   |            | TEMPERATURE.      |           |   |      | Wind as deduced from Anemometers. |            |          |                   | Rain collected in a Gauge whose receiving surface is above the ground. |             |        |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|          |                |                     | Barometer.   |           | Of the Air. |              | Of the Dew Point.         |                                  | Difference between the Air Temperature and Dew Point. |            | Of the Radiation. |           | Of the Water of the Thames at Deptford. |      | General Direction.                |            | Oster's. |                   |  | Robinson's. |        |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                |                     | Mean daily (corrected for ref. and reduced to 32° Fahr. here). | High-est. | Low-est.    | Daily Range. | Mean daily Average value. | De-pression daily Average value. | Mean daily value.                                     | Great-est. | Least.            | High-est. | Low-est.                                | A.M. | P.M.                              | Great-est. | Least.   | Mean of 24 hours. |  |             |        |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|          |                |                     |  |           |             |              |                           |                                  |   |            |                   |           |   |      |                                   |            |          |                   |  |             | Miles. |  | Miles. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JANUARY. |                |                     |  |           |             |              |                           |                                  |   |            |                   |           |   |      |                                   |            |          |                   |  |             |        |  |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the wet bulb thermometer, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metric Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market, at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: -P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 30.25 in. at the beginning of the week to 30.53 in. by 9h. A.M. on the 10th; decreased to 30.45 in. by 3h. P.M. on the 12th; increased to 30.50 in. by noon on the 13th; decreased to 30.34 in. by 8h. P.M. on the 14th; and was 30.36 in. at the end of the week.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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23rd January, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 23·0 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |            |             |             | TOWNS.             | Weeks ending |            |             |             |
|--------------|--------------|------------|-------------|-------------|--------------------|--------------|------------|-------------|-------------|
|              | Dec.<br>31.  | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. |                    | Dec.<br>31.  | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. |
| Birkenhead   | 29·9         | 24·0       | 17·7        | 20·9        | Liverpool -        | 23·2         | 25·1       | 21·0        | 21·6        |
| Birmingham   | 24·4         | 19·5       | 24·6        | 21·0        | London -           | 23·3         | 22·8       | 23·6        | 24·4        |
| Blackburn -  | 29·0         | 28·5       | 27·6        | 28·1        | Manchester -       | 32·5         | 35·6       | 34·9        | 26·8        |
| Bolton -     | 33·9         | 27·6       | 23·9        | 24·4        | Newcastle-on-Tyne* | 27·9         | 24·9       | 22·6        | 21·3        |
| Bradford* -  | 23·0         | 17·7       | 21·8        | 19·5        | Norwich -          | 20·8         | 23·3       | 22·8        | 20·6        |
| Brighton -   | 18·5         | 14·8       | 18·3        | 17·0        | Nottingham*        | 28·9         | 21·2       | 22·6        | 25·3        |
| Bristol -    | 25·7         | 23·3       | 24·4        | 18·2        | Oldham -           | 31·1         | 24·9       | 22·3        | 18·5        |
| Cardiff* -   | 24·5         | 25·0       | 21·1        | 23·1        | Plymouth -         | 28·4         | 40·3       | 28·2        | 25·5        |
| Derby -      | 21·1         | 20·6       | 19·0        | 20·1        | Portsmouth -       | 26·5         | 28·4       | 20·6        | 28·8        |
| Halifax -    | 31·0         | 25·4       | 18·9        | 24·7        | Preston -          | 33·7         | 29·3       | 25·8        | 18·7        |
| Huddersfield | 19·7         | 18·8       | 19·4        | 20·0        | Salford*           | 26·2         | 25·1       | 21·0        | 21·7        |
| Hull -       | 22·0         | 19·9       | 18·3        | 18·1        | Sheffield -        | 27·7         | 26·4       | 25·3        | 25·0        |
| Leeds -      | 25·1         | 23·9       | 23·1        | 19·2        | Sunderland -       | 21·3         | 20·6       | 14·2        | 20·2        |
| Leicester* - | 27·7         | 24·2       | 15·3        | 19·2        | Wolverhampton -    | 27·8         | 31·9       | 28·7        | 23·6        |

The highest annual death-rates from *measles*, measured by last week's mortality, were 1·3 in Plymouth and in Wolverhampton, 1·6 in Nottingham, 1·8 in Blackburn, 2·2 in Derby, and 2·3 in Bolton; from *scarlet fever*, 1·1 in Derby, 1·3 in Blackburn, 1·4 in Bolton and in Cardiff, 2·0 in Preston, and 2·1 in Birkenhead; and from *whooping-cough*, 1·6 in Salford, 1·7 in London, 1·9 in Wolverhampton, and 2·1 in Leicester. The 36 deaths from *diphtheria* in the twenty-eight towns included 22 in London, 4 in Nottingham, 3 in Liverpool, 2 in Oldham, and 2 in Newcastle-upon-Tyne. *Small-pox* caused 25 deaths in Sheffield, 3 in Bristol, and 2 in Nottingham, but not one in London or in any of the twenty-four other large provincial towns.

## LONDON.

In LONDON† 2688 BIRTHS and 2000 DEATHS were registered. Allowing for increase of population, the births were 184 below, whereas the deaths exceeded by 36, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 22·8 and 23·6 in the two preceding weeks, further rose last week to 24·4. During the first three weeks of the current quarter the death-rate averaged 23·6, and was 0·2 below the mean rate in the corresponding periods of the ten years 1878-87.

The 2000 deaths included 14 from measles, 42 from scarlet fever, 22 from diphtheria, 138 from whooping-cough, 26 from enteric fever, 1 from an ill-defined form of continued fever, 15 from diarrhoea and dysentery, and not one from small-

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



pox, typhus or cholera; thus, 258 deaths were referred to these diseases, being 25 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 19. There were only 5 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last, and not one in the Highgate Small-pox Hospital. The deaths of two children, aged 4 months and 2 months, were attributed to chicken-pox. The deaths from *measles*, which had been 25 in each of the two preceding weeks, declined last week to 14, and were 36 below the corrected average. The fatal cases of *scarlet fever* rose to 42 (of which 23 occurred in hospitals) from 37 and 25 in the two previous weeks, and were 3 above the corrected average; 3 belonged to Kensington, 3 to Hackney, 5 to Bethnal Green, 3 to Newington, 5 to Wandsworth, and 4 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1729 scarlet fever patients (there were also 108 in the London Fever Hospital), against numbers declining in the seven preceding weeks from 2602 to 1792; 122 cases were admitted to the Metropolitan Asylum Hospitals during last week, against 120, 147, and 148 in the three preceding weeks. The deaths from *diphtheria*, which had been 28 and 16 in the two previous weeks, rose again last week to 22, and exceeded the corrected average by 8; 2 belonged to Paddington, 2 to Bermondsey, 3 to Lambeth, and 2 to Camberwell sanitary areas. The fatal cases of *whooping-cough*, which had been 130, 120, and 152 in the three preceding weeks, were last week 138, and exceeded the corrected average by 59; 18 belonged to Islington, 7 to Clerkenwell, 10 to Shoreditch, 16 to Bethnal Green, 15 to Mile End Old Town, 10 to Wandsworth, and 6 to Lewisham sanitary areas. The mortality from this disease showed an increase in the Northern and Central, whereas it had declined in the Western, Eastern, and Southern groups of sanitary areas. The 15 deaths attributed to *diarrhœa* and *dysentery* exceeded the corrected average by 2.

The deaths referred to *enteric fever*, which had been 28 and 22 in the two preceding weeks, rose again last week to 26, and exceeded the corrected average by 10; 3 belonged to Islington, 2 to Hackney, 3 to Mile End Old Town, 4 to Poplar, 3 to Wandsworth, and 2 to Camberwell sanitary areas. The death of a male, aged 45 years, in Camberwell, was indefinitely referred to "pneumonia, fever." The Metropolitan Asylum Hospitals contained 152 cases of enteric fever, and 3 of typhus, on Saturday last; 15 cases of enteric fever, but not one of typhus, were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had increased in the four preceding weeks from 357 to 579, further rose last week to 591, and exceeded the corrected average by 29.

Different forms of violence caused 78 deaths; 64 were the result of negligence or accident, among which were 16 from fractures and contusions, 14 from burns and scalds, 8 from drowning, 2 from poison, and 17 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus caused:—1 by accident from vehicle in street, 1 by kick of horse, 3 by accidents on railways, 3 by falling into ship's hold, 1 by falling down stairs, 1 by falling through hole in floor, 3 by fall in walking or otherwise, 1 by injury from machinery, 1 by blow against archway of stables, and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 16 cases except the last. Ten cases of suicide were registered, exceeding the average by 4.

#### GREATER LONDON.

In Greater London 3500 births and 2511 deaths were registered, corresponding to annual rates of 33·0 and 23·7 per 1000 of the population. In the Outer Ring 39 deaths from whooping-cough, 11 from diphtheria, and 8 from measles, were registered. The deaths from whooping-cough included 18 in West Ham district and 9 in Tottenham sub-district. Of the 11 fatal cases of diphtheria, 4 occurred in Enfield, 3 in West Ham, and 2 in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·27 in.; the highest reading was 30·48 in. on Wednesday evening, and the lowest 29·68 in. at the end of the week. The mean temperature of the *air* was 34°·7, and 4°·1 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on each day of the week, except Saturday, when it showed a considerable excess. The general direction of the *wind* was Easterly until Thursday afternoon after which it was South-westerly, the horizontal movement of the air averaging 12·7 miles per hour, which was 1·1 miles below the average in the corresponding weeks of 16 years. *Rain* fell on Saturday, to the amount of 0·21 of an inch. The duration of registered bright sunshine in the week was 2·5 hours, against 12·3 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 21st January, 1888.

| CITIES<br>AND<br>BOROUGHES.   | POPULATION<br>estimated<br>to the<br>middle of<br>1888.   | Registered during<br>the Week ending<br>21st Jan., 1888.   |  |  | The DEATHS registered in the Week include  |   |  |  |                    |        |            |           |                                      |                                  |                     |                                    | TEMPERATURE OF THE AIR. |         |                                      |             |                                  |       |                     |  |                                    |  | RAINFALL. |  | Cols. |         |  |       |  |
|---|---|--|--|--|--|---|--|--|--------------------|--------|------------|-----------|--------------------------------------|----------------------------------|---------------------|------------------------------------|-------------------------|---------|--------------------------------------|-------------|----------------------------------|-------|---------------------|--|------------------------------------|--|-----------|--|-------|---------|--|-------|--|
|   |   | BIRTHS.  | DEATHS.  | Infants under<br>1 Year of<br>Age.   | Deaths of<br>Persons aged<br>60 Years<br>and upwards.  |   | Deaths from  |  |                    |        |            |           |                                      |                                  | Inquest Cases.      |                                    |                         |         | Deaths in<br>Public<br>Institutions. |             | Unclassified<br>Causes of Death. |       | From All<br>Causes. |  | From<br>Diseases in<br>Cols. 6-12. |  | Mean.     |  |       | Inches. |  | Cent. |  |
|   |   |  |  |  | Small-pox.   | Measles.  | Scarlet<br>Fever.  | Diphtheria.  | Whooping<br>cough. | Fever. | Diarrhoea. | Violence. | Deaths in<br>Public<br>Institutions. | Unclassified<br>Causes of Death. | From All<br>Causes. | From<br>Diseases in<br>Cols. 6-12. | Highest.                | Lowest. | Fahrenheit.                          | Centigrade. | Inches.                          | Cent. |                     |  |                                    |  |           |  |       |         |  |       |  |
|   |   |  |  |  |  |   |  |  |                    |        |            |           |                                      |                                  |                     |                                    |                         |         |                                      |             |                                  |       |                     |  |                                    |  |           |  |       |         |  |       |  |
| 28 TOWNS*<br>LONDON*<br>BRIGHTON<br>PORTSMOUTH<br>NORWICH<br>PLYMOUTH<br>BRISTOL<br>WOLVERHAMPTON<br>BIRMINGHAM<br>LEICESTER*<br>NOTTINGHAM*<br>DERBY<br>BIRKENHEAD<br>LIVERPOOL<br>BOLTON<br>MANCHESTER<br>SALFORD*<br>OLDHAM<br>BLACKBURN<br>PRESTON<br>HUDDESFIELD<br>HALIFAX<br>BRADFORD*<br>LEEDS<br>SHEFFIELD<br>HULL<br>SUNDERLAND<br>NEWCASTLE*<br>CARDIFF* | 9,398,273<br>4,282,921<br>119,983<br>139,575<br>83,675<br>77,674<br>226,510<br>81,691<br>447,912<br>146,790<br>230,921<br>96,241<br>100,093<br>569,738<br>113,506<br>378,164<br>226,336<br>138,220<br>119,039<br>103,234<br>91,419<br>80,138<br>229,721<br>351,210<br>321,711<br>202,359<br>131,919<br>169,063<br>168,570 | 6016<br>2688<br>49<br>81<br>66<br>48<br>79<br>52<br>284<br>78<br>158<br>51<br>77<br>362<br>79<br>279<br>176<br>64<br>75<br>73<br>55<br>50<br>130<br>250<br>124<br>192<br>91<br>51<br>145<br>77 | 4145<br>2000<br>39<br>77<br>37<br>38<br>79<br>37<br>180<br>54<br>112<br>37<br>40<br>248<br>53<br>194<br>94<br>49<br>64<br>37<br>37<br>35<br>38 | 847<br>403<br>39<br>21<br>15<br>10<br>9<br>10<br>41<br>15<br>20<br>5<br>7<br>50<br>47<br>12<br>34<br>24<br>12<br>16<br>10<br>12<br>8<br>20<br>28<br>70<br>51<br>65<br>48 | 1032<br>514<br>17<br>25<br>15<br>15<br>23<br>4<br>44<br>15<br>21<br>13<br>13<br>47<br>7<br>39<br>19<br>11<br>16<br>5<br>6<br>12<br>23<br>33<br>37<br>16<br>13<br>12<br>93<br>28<br>37<br>20<br>13<br>10<br>8 | 30<br>-<br>-<br>-<br>-<br>-<br>3<br>2<br>56<br>36<br>195<br>50<br>29<br>140<br>268<br>726<br>79<br>230<br>24.4<br>17.0<br>58.8<br>20.6<br>25.5<br>18.2<br>23.6<br>21.0<br>19.2<br>25.3<br>20.1<br>20.9<br>21.6<br>24.4<br>26.8<br>21.7<br>18.5<br>28.1<br>18.7<br>20.0<br>24.7<br>19.5<br>19.2<br>6.3<br>18.1<br>20.2<br>21.3<br>23.1 | 56<br>14<br>-<br>-<br>-<br>-<br>-<br>-<br>9<br>-<br>7<br>4<br>2<br>3<br>5<br>1<br>1<br>1<br>4<br>2<br>1<br>3<br>4<br>40<br>11<br>3<br>12<br>2<br>2<br>10<br>2<br>2<br>10<br>5<br>6<br>13<br>12<br>3<br>6<br>1<br>2<br>3<br>5 | 85<br>42<br>-<br>-<br>-<br>-<br>-<br>-<br>1<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<b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|                    |        |            |           |                                      |                                  |                     |                                    |                         |         |                                      |             |                                  |       |                     |  |                                    |  |           |  |       |         |  |       |  |

\* See note on first page of this Return.



*Births and Deaths registered last Week.***TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRD Weeks of Ten previous Years.**

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87,* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2563 | 2658 | 2644 | 2192 | 2629 | 2804 | 2718 | 2803 | 2667 | 2655 | 2871·5   | 2688 |
| Males . .           | 1274 | 1358 | 1340 | 1127 | 1332 | 1416 | 1364 | 1347 | 1391 | 1385 | 1454·0   | 1304 |
| Females .           | 1289 | 1300 | 1304 | 1065 | 1297 | 1388 | 1354 | 1456 | 1276 | 1270 | 1417·5   | 1384 |
| <b>TOTAL Deaths</b> | 1903 | 1947 | 1900 | 2016 | 1700 | 1663 | 1578 | 1807 | 1738 | 1757 | 1963·8   | 2000 |
| Males . .           | 971  | 983  | 931  | 1032 | 856  | 869  | 777  | 847  | 874  | 862  | 981·6  | 1021 |
| Females .           | 932  | 964  | 969  | 984  | 844  | 794  | 801  | 960  | 864  | 895  | 982·2  | 979  |

\* The numbers in this column are the average weekly numbers in the third weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

**TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.**

|  | Oct.<br>29. | Nov.<br>5. | Nov.<br>12. | Nov.<br>19. | Nov.<br>26. | Dec.<br>3. | Dec.<br>10. | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. |
|--|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|
| <b>TOTAL Births</b>                        | 2581        | 2593       | 2634        | 2459        | 2632        | 2599       | 2497        | 2516        | 2406        | 2326        | 2845       | 2556        | 2638        |
| <b>TOTAL Deaths</b>                        | 1738        | 1735       | 1564        | 1638        | 1862        | 1705       | 1577        | 1625        | 1502        | 1882        | 1868       | 1940        | 2000        |
| 0-20                                       | 822         | 820        | 786         | 757         | 884         | 792        | 763         | 755         | 764         | 893         | 860        | 815         | 872         |
| 20-40                                      | 210         | 212        | 190         | 252         | 237         | 199        | 202         | 196         | 171         | 216         | 202        | 257         | 228         |
| 40-60                                      | 310         | 304        | 252         | 273         | 292         | 282        | 245         | 291         | 227         | 324         | 341        | 327         | 386         |
| 60-80                                      | 327         | 321        | 271         | 298         | 374         | 351        | 300         | 316         | 280         | 361         | 379        | 441         | 417         |
| at 80 years & upwds.                       | 69          | 78         | 65          | 58          | 75          | 71         | 67          | 67          | 60          | 88          | 86         | 100         | 97          |
| Deaths of children { Under 1 year          | 394         | 393        | 396         | 379         | 423         | 358        | 345         | 342         | 362         | 458         | 387        | 367         | 403         |
| { 1-5                                      | 287         | 302        | 279         | 263         | 325         | 314        | 307         | 306         | 294         | 325         | 351        | 337         | 349         |
| { 5-20                                     | 141         | 125        | 111         | 115         | 136         | 120        | 111         | 107         | 108         | 110         | 122        | 111         | 120         |
| Deaths from Small-pox                      | 1           | -          | 1           | -           | 1           | -          | -           | -           | -           | -           | -          | 1           | -           |
| " " Measles                                | 33          | 30         | 38          | 25          | 27          | 26         | 32          | 17          | 30          | 28          | 25         | 25          | 14          |
| " " Scarlet fever                          | 60          | 69         | 62          | 41          | 54          | 54         | 42          | 41          | 39          | 40          | 37         | 25          | 42          |
| " " Diphtheria                             | 31          | 19         | 30          | 25          | 31          | 28         | 27          | 23          | 24          | 22          | 28         | 16          | 22          |
| " " Whooping-cough                         | 44          | 44         | 33          | 54          | 75          | 67         | 70          | 106         | 104         | 130         | 120        | 152         | 138         |
| " " Typhus                                 | 1           | -          | 1           | 1           | -           | 1          | -           | -           | -           | -           | 1          | -           | -           |
| " " Enteric fever                          | 16          | 25         | 17          | 23          | 18          | 23         | 30          | 18          | 15          | 19          | 28         | 22          | 26          |
| " " Simple Cont <sup>d</sup> fever         | -           | 1          | -           | 1           | -           | -          | 1           | 2           | 1           | -           | 2          | 1           | 1           |
| " " Diarrhoea and }<br>" " Dysentery - }   | 16          | 20         | 12          | 11          | 18          | 14         | 12          | 12          | 8           | 12          | 12         | 11          | 15          |
| " " Cholera                                | -           | -          | -           | -           | -           | -          | -           | -           | -           | -           | -          | -           | -           |
| Deaths from the above-mentioned Diseases } | 202         | 208        | 194         | 181         | 224         | 213        | 214         | 219         | 221         | 251         | 253        | 253         | 258         |
| " " Dis. of Respiratory System }           | 485         | 506        | 438         | 461         | 560         | 455        | 408         | 413         | 357         | 442         | 502        | 579         | 591         |
| " " Phthisis                               | 168         | 162        | 130         | 177         | 169         | 131        | 138         | 145         | 129         | 162         | 161        | 187         | 153         |
| " " Dis. of Circulatory System }           | 154         | 125        | 113         | 139         | 139         | 160        | 125         | 113         | 133         | 142         | 166        | 160         | 179         |
| Violent Deaths                             | 66          | 49         | 44          | 60          | 56          | 64         | 49          | 53          | 46          | 74          | 65         | 69          | 78          |
| Inquest Cases                              | 133         | 116        | 104         | 122         | 132         | 148        | 105         | 122         | 113         | 165         | 156        | 146         | 155         |
| Deaths in Public Institutions              | 376         | 368        | 308         | 380         | 385         | 386        | 317         | 373         | 316         | 380         | 366        | 436         | 413         |
| TEMPERATURE OF THE AIR                     |             |            |             |             |             |            |             |             |             |             |            |             |             |
| Mean                                       | 43·1        | 45·4       | 45·3        | 34·1        | 38·7        | 43·3       | 40·4        | 41·7        | 34·9        | 32·1        | 40·2       | 38·1        | 34·7        |
| Mean of Highest readings                   | 51·3        | 52·0       | 49·3        | 38·7        | 42·6        | 47·8       | 45·6        | 46·2        | 38·0        | 35·4        | 44·8       | 41·4        | 37·5        |
| Mean of Lowest readings                    | 34·7        | 39·3       | 41·9        | 29·4        | 33·6        | 38·5       | 35·4        | 36·3        | 31·1        | 28·0        | 35·4       | 34·3        | 30·7        |
| Humidity of the Air                        | 79          | 85         | 91          | 88          | 91          | 87         | 84          | 88          | 89          | 79          | 88         | 97          | 86          |
| Rain-fall in inches                        | 0·29        | 1·82       | 0·99        | 0·53        | 0·31        | 0·48       | 0·47        | 0·81        | 0·17        | 0·02        | 0·40       | 0·02        | 0·21        |
| Registered Sunshine (in hours)             | 25·7        | 25·5       | 6·4         | 11·0        | 0·2         | 7·4        | 2·9         | 5·8         | 1·9         | 6·2         | 4·1        | 0·0         | 2·5         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

**METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)**

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRD Week of the Year 1888.

| CAUSES OF DEATH.  | Corrected Averages for the 3rd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 21st January 1888. |           |      |       |                  |                  |                  | Corrected Averages for the 3rd Weeks of the 10 years 1878-87.* | CAUSES OF DEATH.  | Corrected Averages for the 3rd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 21st January 1888. |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
|---|--|---|-----------|------|-------|------------------|------------------|------------------|--|---|--|---|-----------|-----------|------|-------|------------------|------------------|------------------|--|--------|-----|----|----|----|----|----|-----|----|
|   |  | Deaths of Persons of the Ages                   |           |      |       |                  |                  |                  |  |   |  | Deaths of Persons of the Ages                   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
|   |  | ALL AGES.                                       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. |  |   |  | 80 Years and upwards.                           | ALL AGES. | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards.                        |        |     |    |    |    |    |    |     |    |
|   |  |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |  |   |  |   |           | 0-1.      | 1-5. | 5-20. |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
| ALL CAUSES - - -  | 1963.8   | 2000  | 403       | 349  | 120   | 228              | 386              | 417              | 97   | Diseases of Organs of Special Sense † - -                 | 2.3  | 4   | 1         | -         | 1    | -     | 1                | 1                | -                | Diseases of Circulatory System - - -         | 134.3  | 179 | 3  | -  | 19 | 22 | 55 | 70  | 10 |
| Small-pox { Vaccinated† - - -<br>Unvaccinated - - -<br>No Statement - - - | 19.4 {   | -   | -         | -    | -     | -                | -                | -                | -  | Croup - - - - -   | 17.0   | 17  | 2         | 11        | 4    | -     | -                | -                | -                | Pneumonia - - - -                            | 359.6  | 373 | 67 | 56 | 6  | 14 | 83 | 125 | 27 |
| Measles - - - - -   | 49.9   | 14  | 1         | 13   | -     | -                | -                | -                | -  | Pleurisy - - - - -  | 6.9  | 4   | 2         | -         | -    | 2     | -                | -                | -                | Other Diseases of Respiratory System - -     | 53.3   | 43  | 13 | 4  | 1  | 4  | 12 | 9   | -  |
| Scarlet Fever - - -   | 38.5   | 42  | 2         | 25   | 13    | 2                | -                | -                | -  | Dentition † - - - -                                       | 14.4   | 13  | 6         | 6         | -    | -     | -                | -                | -                | Quinsy, Sore Throat †                        | 2.3    | -   | -  | -  | -  | -  | -  | -   | -  |
| Typhus - - - - -  | 0.9  | -   | -         | -    | -     | -                | -                | -                | -  | Enteritis - - - - -                                       | 7.4  | 7   | -         | -         | 4    | -     | 1                | 2                | -                | Erysipelas - - - -                           | 7.4    | 7   | -  | -  | -  | -  | 4  | 3   | -  |
| Relapsing Fever †   | 0.0  | -   | -         | -    | -     | -                | -                | -                | -  | Peritonitis - - - -                                       | 6.2  | 9   | 2         | -         | 1    | 3     | 1                | 2                | -                | Pyæmia and Septicæmia †                      | 4.2    | 3   | 1  | -  | -  | 1  | 1  | -   | -  |
| Influenza - - - -   | 0.1  | -   | -         | -    | -     | -                | -                | -                | -  | Diseases of Liver - -                                     | 30.4   | 26  | -         | -         | -    | 5     | 11               | 7                | 3                | Puerperal Fever - - -                        | 6.2    | 11  | -  | -  | 1  | 9  | 1  | -   | -  |
| Whooping-cough -  | 78.9   | 138   | 44        | 90   | 3     | -                | 1                | -                | -  | Other Diseases of Digestive System -                      | 32.4   | 26  | 4         | -         | -    | 4     | 9                | 7                | 2                | Other Zymotic Diseases †                     | 1.9    | 5   | 2  | 1  | -  | -  | 1  | 1   | -  |
| Diphtheria - - - -  | 13.6   | 32  | 1         | 18   | 3     | -                | -                | -                | -  | Diseases of Lymphatic System & of Ductless Glands † - - - | 2.3  | 3   | -         | -         | -    | 1     | 2                | -                | -                | Thrush - - - - -                             | 2.0    | -   | -  | -  | -  | -  | -  | -   | -  |
| Simple Continued and Ill-defined Fever - -                                | 2.2  | 1   | -         | -    | -     | -                | 1                | -                | -  | Diseases of Urinary System - - - -                        | 40.3   | 48  | -         | -         | 1    | 6     | 20               | 19               | 2                | Worms and other Parasitical Diseases - -     | 0.1    | 1   | -  | -  | -  | -  | 1  | -   | -  |
| Enteric Fever - - -   | 16.1   | 26  | -         | 1    | 10    | 8                | 7                | -                | -  | Diseases of Generative System - - - -                     | 6.3  | 6   | -         | -         | -    | 3     | 3                | -                | -                | Starvation, Want of Breast-milk † - - -      | 1.1    | -   | -  | -  | -  | -  | -  | -   | -  |
| Cholera - - - - -   | 0.2  | -   | -         | -    | -     | -                | -                | -                | -  | Accidents of Childbirth -                                 | 4.3  | -   | -         | -         | -    | -     | -                | -                | -                | Alcoholism - - - - -                         | 4.4    | 11  | -  | -  | -  | 4  | 4  | 3   | -  |
| Diarrhoea, Dysentery  | 13.4   | 18  | 6         | 2    | -     | 1                | 2                | 2                | 2  | Diseases of Locomotive System † - - - -                   | 7.6  | 2   | -         | -         | 1    | -     | -                | 1                | -                | Rheumatic Fever and Rheumatism of Heart †    | 13.2 { | 15  | -  | 1  | 4  | 5  | 5  | -   | -  |
| Remittent Fever †   | 0.7  | -   | -         | -    | -     | -                | -                | -                | -  | Diseases of Integumentary System - - -                    | 8.0  | 7   | -         | 1         | -    | 1     | -                | 5                | -                | Rheumatism - - - -                           | 4.1    | 5   | -  | -  | -  | 3  | 1  | -   | -  |
| Hydrophobia - - -   | 0.1  | -   | -         | -    | -     | -                | -                | -                | -  | VIOLENT DEATHS.†  |  |   |           |           |      |       |                  |                  |                  | Gout - - - - -                               | 4.1    | 5   | -  | -  | -  | 1  | 4  | -   | -  |
| Glanders - - - - -  | 0.1  | -   | -         | -    | -     | -                | -                | -                | -  | ACCIDENT.)  |  |   |           |           |      |       |                  |                  |                  | Rickets † - - - - -                          | 3.5    | 1   | 1  | -  | -  | -  | -  | -   | -  |
| Cowpox and Effects of Vaccination † - - -                                 | 0.0  | -   | -         | -    | -     | -                | -                | -                | -  | Fracture and Contusion                                    | 18.8   | 16  | -         | -         | 2    | 5     | 4                | 4                | 1                | Cancer - - - - -                             | 56.3   | 54  | -  | -  | 4  | 23 | 27 | -   | -  |
| Venerical Affections  | 14.3   | 6   | 2         | 1    | -     | 8                | -                | -                | -  | Gunshot Wound - - -                                       | 0.1  | -   | -         | -         | -    | -     | -                | -                | -                | Tabes Mesenterica -                          | 24.2   | 30  | 17 | 7  | 5  | -  | 1  | -   | -  |
| Erysipelas - - -  | 7.4  | 7   | -         | -    | -     | -                | 4                | 3                | -  | Cut, Stab - - - - -                                       | 0.4  | -   | -         | -         | -    | -     | -                | -                | -                | Tubercular Meningitis -                      | 27.0   | 24  | 3  | 13 | 2  | 1  | -  | -   | -  |
| Pyæmia and Septicæmia †   | 4.2  | 3   | 1         | -    | -     | 1                | 1                | -                | -  | Burn and Scald - - -                                      | 11.6   | 14  | 1         | 8         | 2    | 1     | -                | 1                | 1                | Phthisis - - - - -                           | 186.1  | 153 | 3  | 5  | 10 | 86 | 40 | 9   | -  |
| Puerperal Fever - -   | 6.2  | 11  | -         | -    | 1     | 9                | 1                | -                | -  | Poison - - - - -  | 1.1  | 2   | -         | -         | -    | 1     | 1                | -                | -                | Scrofula, Tuberculosis -                     | 16.6   | 14  | 3  | 6  | 3  | 2  | -  | -   | -  |
| Other Zymotic Diseases †  | 1.9  | 5   | 2         | 1    | -     | -                | 1                | 1                | -  | Drowning - - - - -  | 3.7  | 8   | -         | -         | 2    | 3     | 2                | 1                | -                | Other Constitutional Diseases † - -          | 12.0   | 9   | -  | -  | 1  | -  | 4  | 4   | -  |
| Thrush - - - - -  | 2.0  | -   | -         | -    | -     | -                | -                | -                | -  | Suffocation - - - -                                       | 18.2   | 21  | 17        | 1         | -    | 1     | 2                | -                | -                | Premature Birth - - -                        | 41.0   | 47  | 47 | -  | -  | -  | -  | -   | -  |
| Worms and other Parasitical Diseases - -                                  | 0.1  | 1   | -         | -    | -     | -                | -                | 1                | -  | Otherwise - - - - -                                       | 4.4  | 3   | -         | -         | -    | 1     | 2                | -                | -                | Atelectasis † - - - -                        | 4.2    | 5   | 5  | -  | -  | -  | -  | -   | -  |
| Starvation, Want of Breast-milk † - -                                     | 1.1  | -   | -         | -    | -     | -                | -                | -                | -  | (HOMICIDE.)   |  |   |           |           |      |       |                  |                  |                  | Congenital Malformations - - - -             | 6.7    | 7   | 6  | 1  | -  | -  | -  | -   | -  |
| Alcoholism - - - -  | 4.4  | 11  | -         | -    | -     | 4                | 4                | 3                | -  | Murder & Manslaughter                                     | 1.5  | 4   | 2         | 1         | -    | 1     | -                | -                | -                | Old Age - - - - -                            | 71.1   | 65  | -  | -  | -  | 1  | 23 | 36  | -  |
| Rheumatic Fever and Rheumatism of Heart †                                 | 13.2 {   | 15  | -         | 1    | 4     | 5                | 5                | -                | -  | (SUICIDE.)  |  |   |           |           |      |       |                  |                  |                  | Apoplexy - - - - -                           | 56.5   | 49  | -  | -  | -  | 3  | 17 | 23  | 6  |
| Rheumatism - - - -  | 4.1  | 4   | -         | -    | -     | -                | 3                | 1                | -  | Gunshot Wound - - -                                       | 0.8  | 1   | -         | -         | -    | -     | -                | 1                | -                | Epilepsy - - - - -                           | 9.5    | 8   | 1  | -  | 1  | 1  | 5  | -   | -  |
| Gout - - - - -  | 4.1  | 5   | -         | -    | -     | -                | 1                | 4                | -  | Cut, Stab - - - - -                                       | 1.6  | 3   | -         | -         | -    | 2     | 1                | -                | -                | Convulsions - - - -                          | 57.6   | 54  | 42 | 12 | -  | -  | -  | -   | -  |
| Rickets † - - - - -   | 3.5  | 1   | 1         | -    | -     | -                | -                | -                | -  | Poison - - - - -  | 1.2  | 4   | -         | -         | 1    | -     | 2                | 1                | -                | Other Diseases of Brain and Nervous System - | 96.3   | 86  | 10 | 17 | 8  | 2  | 14 | 32  | 3  |
| Cancer - - - - -  | 56.3   | 54  | -         | -    | 4     | 23               | 27               | -                | -  | Drowning - - - - -  | 0.4  | 1   | -         | -         | -    | -     | -                | -                | -                |  |        |     |    |    |    |    |    |     |    |
| Tabes Mesenterica -   | 24.2   | 30  | 17        | 7    | 5     | -                | 1                | -                | -  | Hanging - - - - -   | 1.4  | 1   | -         | -         | -    | -     | -                | -                | -                |  |        |     |    |    |    |    |    |     |    |
| Tubercular Meningitis -   | 27.0   | 24  | 3         | 13   | 2     | 1                | -                | -                | -  | Otherwise - - - - -                                       | 0.8  | -   | -         | -         | -    | -     | -                | -                | -                |  |        |     |    |    |    |    |    |     |    |
| Phthisis - - - - -  | 186.1  | 153   | 3         | 5    | 10    | 86               | 40               | 9                | -  | (EXECUTION.)  |  |   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
| Scrofula, Tuberculosis -  | 16.6   | 14  | 3         | 6    | 3     | 2                | -                | -                | -  | Hanging - - - - -   | 0.0  | -   | -         | -         | -    | -     | -                | -                | -                |  |        |     |    |    |    |    |    |     |    |
| Other Constitutional Diseases † - -                                       | 12.0   | 9   | -         | -    | 1     | -                | 4                | 4                | -  | OTHER CAUSES † - - -                                      | 66.1   | 70  | 5         | 4         | -    | 2     | 2                | 1                | 2                |  |        |     |    |    |    |    |    |     |    |
| Premature Birth - - -   | 41.0   | 47  | 47        | -    | -     | -                | -                | -                | -  |   |  |   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
| Atelectasis † - - - -   | 4.2  | 5   | 5         | -    | -     | -                | -                | -                | -  |   |  |   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
| Congenital Malformations - - - -  | 6.7  | 7   | 6         | 1    | -     | -                | -                | -                | -  |   |  |   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
| Old Age - - - - -   | 71.1   | 65  | -         | -    | -     | -                | 1                | 23               | 36   |   |  |   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
| Apoplexy - - - - -  | 56.5   | 49  | -         | -    | -     | 3                | 17               | 23               | 6  |   |  |   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
| Epilepsy - - - - -  | 9.5  | 8   | 1         | -    | 1     | 1                | 5                | -                | -  |   |  |   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
| Convulsions - - - -   | 57.6   | 54  | 42        | 12   | -     | -                | -                | -                | -  |   |  |   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |
| Other Diseases of Brain and Nervous System -                              | 96.3   | 86  | 10        | 17   | 8     | 2                | 14               | 32               | 3  |   |  |   |           |           |      |       |                  |                  |                  |  |        |     |    |    |    |    |    |     |    |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated," which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| The DEATHS registered in the Week include                                   |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                  |                              |            |           |                |                                   |                                 |
|---|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|----------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                  |                              |            |           |                |                                   |                                 |
|   |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipels (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| LONDON . . . . .  | 3,815,704                                    | 2688                                | 2000                                | 403                             | 514                                 | -          | 14       | 42             | 22          | 138             | -       | 26                               | 1                            | 15         | 78        | 155            | 413                               | 19                              |
| WEST DISTRICTS . . . . .  | 669,633                                      | 408                                 | 335                                 | 54                              | 91                                  | -          | 6        | 5              | 5           | 14              | -       | 1                                | -                            | 2          | 10        | 20             | 88                                | 4                               |
| NORTH DISTRICTS . . . . .   | 905,947                                      | 594                                 | 475                                 | 94                              | 124                                 | -          | 11       | 1              | 31          | 94              | -       | 8                                | -                            | 13         | 39        | 104            | 1                                 | 1                               |
| CENTRAL DISTRICTS . . . . .   | 282,238                                      | 148                                 | 142                                 | 32                              | 33                                  | -          | 1        | -              | 2           | 10              | -       | 1                                | -                            | 1          | 9         | 17             | 42                                | 2                               |
| EAST DISTRICTS . . . . .  | 692,738                                      | 556                                 | 387                                 | 89                              | 98                                  | -          | 2        | 5              | 2           | 53              | -       | 9                                | -                            | 4          | 20        | 39             | 65                                | 4                               |
| SOUTH DISTRICTS . . . . .   | 1,265,148                                    | 982                                 | 658                                 | 134                             | 168                                 | -          | 5        | 19             | 12          | 50              | -       | 7                                | 1                            | 8          | 21        | 40             | 111                               | 8                               |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -  | -                                   | 3                                   | -                               | -                                   | -          | -        | 2              | -           | -               | -       | -                                | -                            | -          | -         | -              | 3                                 | -                               |
| WEST DISTRICTS.   |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                  |                              |            |           |                |                                   |                                 |
| St. Mary Paddington WHH G.J. & W.M.   | 69888  | 48                                  | 21                                  | 5                               | 6                                   | -          | 1        | -              | 2           | 1               | -       | -                                | -                            | -          | 1         | 1              | 5                                 | -                               |
| St. John Paddington H - - G.J.  | 97330  | 7                                   | 10                                  | 1                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | 2         | 2              | 2                                 | -                               |
| Kensington Town Ww - - W.M.   | 120141                                       | 62                                  | 69                                  | 7                               | 25                                  | -          | 1        | -              | -           | 1               | -       | 1                                | -                            | -          | 2         | 27             | -                                 | 1                               |
| Brompton H - - W.M. & C.  | 43010  | 12                                  | 12                                  | -                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | 1         | 2              | -                                 | -                               |
| St. Peter Hammersmith - - W.M.  | 7599   | 4                                   | 3                                   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| St. Paul Hammersmith H W.M. & G.J.  | 64340  | 42                                  | 39                                  | 11                              | 8                                   | -          | -        | -              | 1           | 4               | -       | -                                | -                            | 2          | 3         | 5              | -                                 | -                               |
| Fulham Ww - - W.M. & C.   | 42900  | 68                                  | 44                                  | 11                              | 12                                  | -          | 4        | -              | 2           | -               | -       | -                                | -                            | -          | 3         | 10             | -                                 | -                               |
| Chelsea South HHH - - C.  | 30396  | 26                                  | 13                                  | 6                               | 2                                   | -          | -        | -              | -           | 1               | -       | -                                | -                            | -          | -         | 1              | 1                                 | 1                               |
| Chelsea North-west WHHHH - C.   | 24925  | 12                                  | 18                                  | 2                               | 4                                   | -          | 1        | -              | -           | -               | -       | -                                | -                            | -          | -         | 11             | -                                 | -                               |
| Chelsea North-east - - C.   | 32807  | 28                                  | 9                                   | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| May Fair WW - - G.J.  | 30353  | 12                                  | 17                                  | 1                               | 5                                   | -          | 1        | -              | -           | -               | -       | -                                | -                            | -          | -         | 11             | -                                 | -                               |
| Belgrave WWWW - - C.  | 89220  | 32                                  | 27                                  | 1                               | 8                                   | -          | -        | -              | 1           | -               | -       | -                                | -                            | -          | -         | 6              | -                                 | -                               |
| St. John Westminster HHH - C.   | 35496  | 18                                  | 17                                  | 5                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | 1         | 3              | -                                 | -                               |
| St. Margaret Westminster H - C.   | 24679  | 14                                  | 15                                  | -                               | 4                                   | -          | -        | -              | 1           | 2               | -       | -                                | -                            | -          | 1         | 7              | -                                 | -                               |
| St. James Westminster WHH N.R. & G.J.                                       | 29941  | 12                                  | 14                                  | 2                               | 1                                   | -          | 2        | -              | 1           | -               | -       | -                                | -                            | -          | -         | 2              | 2                                 | -                               |
| St. Anne Soho HHHHHH - N.R.   | 18603  | 11                                  | 7                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 1              | -                                 | -                               |
| NORTH DISTRICTS.  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                  |                              |            |           |                |                                   |                                 |
| All Souls Marylebone HHHH - W.M.  | 23759  | 13                                  | 13                                  | -                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | 1         | 2              | 6                                 | -                               |
| Canterbury Square HHHH - W.M.   | 14391  | 4                                   | 6                                   | 3                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 1              | 5                                 | -                               |
| Rectory Marylebone WHH G.J. & W.M.  | 24809  | 7                                   | 11                                  | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 2              | -                                 | -                               |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118  | 25                                  | 8                                   | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | 1                                | -                            | -          | -         | 1              | 3                                 | -                               |
| Christchurch Marylebone H - W.M.  | 33700  | 23                                  | 18                                  | 7                               | 3                                   | -          | -        | -              | -           | 4               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| St. John Marylebone H - W.M.  | 33633  | 11                                  | 13                                  | 1                               | 6                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 1              | -                                 | -                               |
| Hampstead WwvHHHH N.R. & W.M.   | 45452  | 21                                  | 22                                  | 2                               | 8                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 1              | 3                                 | 1                               |
| Regent's Park Paneras H - W.M.  | 39115  | 23                                  | 12                                  | 3                               | 5                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | 1         | 2              | -                                 | -                               |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 10                                  | 20                                  | 2                               | 4                                   | -          | -        | -              | -           | -               | 2       | -                                | -                            | -          | 1         | 4              | 12                                | -                               |
| Gray's Inn Lane HHH - N.R.  | 30247  | 19                                  | 19                                  | 4                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | 1         | 3              | 5                                 | -                               |
| Somers Town H - - N.R.  | 34369  | 21                                  | 17                                  | 2                               | 5                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | 2         | 3              | 3                                 | -                               |
| Camden Town WH - - N.R.   | 17811  | 9                                   | 17                                  | 1                               | 9                                   | -          | -        | -              | -           | 1               | -       | -                                | -                            | -          | 3         | 10             | -                                 | -                               |
| Kentish Town W - - N.R.   | 87487  | 67                                  | 35                                  | 10                              | 7                                   | -          | -        | -              | 3           | -               | -       | 1                                | -                            | -          | 2         | 1              | 6                                 | -                               |
| Upper Holloway WwvH - N.R.  | 67946  | 72                                  | 66                                  | 8                               | 23                                  | -          | -        | -              | -           | 8               | -       | -                                | -                            | -          | 1         | 4              | 31                                | -                               |
| Islington South-west HH - N.R.  | 100976                                       | 68                                  | 60                                  | 15                              | 5                                   | -          | 2        | -              | 8           | -               | -       | -                                | -                            | -          | 4         | 5              | 2                                 | -                               |
| Islington South-east - - N.R.   | 61825  | 35                                  | 38                                  | 8                               | 11                                  | -          | -        | -              | -           | 2               | -       | 2                                | -                            | -          | 1         | 1              | -                                 | -                               |
| Highbury H - - N.R.   | 52048  | 34                                  | 25                                  | 5                               | 6                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 1              | 1                                 | -                               |
| Stoke Newington H - - N.R.  | 22781  | 12                                  | 3                                   | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| Stamford Hill - - E.L.  | 3277   | 14                                  | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| West Hackney - - N.R.   | 37610  | 22                                  | 16                                  | 2                               | 4                                   | -          | -        | -              | 1           | 3               | -       | -                                | -                            | -          | 1         | 1              | 1                                 | -                               |
| Hackney WwvWH - E.L. & N.R.   | 76911  | 65                                  | 45                                  | 11                              | 9                                   | -          | 8        | 1              | 3           | -               | 1       | 1                                | -                            | -          | 2         | 2              | 16                                | -                               |
| South Hackney - - E.L.  | 39383  | 29                                  | 20                                  | 4                               | 7                                   | -          | -        | 1              | -           | 1               | -       | 1                                | -                            | -          | 2         | 1              | -                                 | -                               |
| CENTRAL DISTRICTS.  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                  |                              |            |           |                |                                   |                                 |
| St. George Bloomsbury - - N.R.  | 16681  | 5                                   | 3                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| St. Giles South WE - - N.R.   | 14864  | 11                                  | 12                                  | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 1              | 4                                 | -                               |
| St. Giles North - - N.R.  | 13837  | 6                                   | 6                                   | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 1              | -                                 | -                               |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508  | 10                                  | 10                                  | 1                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 1              | 6                                 | -                               |
| St. Mary-le-Strand H - - N.R.   | 7315   | 4                                   | 4                                   | 1                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | 4                                 | -                               |
| St. Clement Danes H - - N.R.  | 8559   | -                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | 1                                | -                            | -          | -         | -              | 1                                 | -                               |
| Strand Union Workhouse, Edmonton w.   | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| St. Geo. the Martyr HHHHHH N.R.   | 18671  | 12                                  | 10                                  | 2                               | -                                   | -          | -        | -              | 1           | -               | -       | -                                | -                            | -          | 1         | 2              | 5                                 | -                               |
| St. Andrew Eastern W - - N.R.   | 10706  | 4                                   | 4                                   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | 2                                 | -                               |
| Salmon Hill H - - N.R.  | 6533   | 2                                   | 5                                   | 1                               | 2                                   | -          | -        | -              | 1           | -               | -       | -                                | -                            | -          | -         | 1              | -                                 | -                               |
| St. James Clerkenwell - - N.R.  | 17516  | 7                                   | 5                                   | -                               | -                                   | -          | -        | -              | -           | 1               | -       | -                                | -                            | -          | -         | 1              | -                                 | -                               |
| Amwell Clerkenwell - - N.R.   | 12931  | 10                                  | 9                                   | 3                               | -                                   | -          | -        | -              | -           | 1               | -       | -                                | -                            | -          | 1         | 1              | -                                 | -                               |
| Pentonville - - N.R.  | 14773  | 8                                   | 11                                  | 2                               | 4                                   | -          | -        | -              | -           | 1               | -       | -                                | -                            | -          | 1         | 1              | -                                 | -                               |
| Goodwell-street - - N.R.  | 17506  | 9                                   | 7                                   | 3                               | 2                                   | -          | -        | -              | -           | 3               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| Old-street H - - N.R.   | 11541  | 8                                   | 4                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| City-road HHL - - N.R.  | 18623  | 27                                  | 13                                  | 7                               | 3                                   | -          | -        | -              | -           | 1               | -       | -                                | -                            | -          | 1         | 2              | 4                                 | 1                               |
| Whitecross-street - - N.R.  | 9217   | 3                                   | 4                                   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | 1              | -                                 | -                               |
| Finchbury - - N.R.  | 7463   | 2                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| Holborn Union Workhouse, Mitcham. w.  | -  | -                                   | 3                                   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | 3                                 | -                               |
| St. Botolph H - - N.R. & E.L.   | 11174  | 8                                   | 2                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| Cripplegate - - N.R.  | 7193   | 1                                   | 5                                   | 1                               | 2                                   | -          | -        | -              | 1           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| St. Sepulchre H - - N.R.  | 5358   | 4                                   | 13                                  | 1                               | 2                                   | -          | -        | -              | 1           | 1               | -       | -                                | -                            | 1          | 3         | 3              | 12                                | -                               |
| St. Bride W - - N.R.  | 8396   | 3                                   | 4                                   | -                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | 2         | 2              | 1                                 | -                               |
| Allhallows Barking - - N.R.   | 13666  | 2                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |
| Broad Street H - - N.R.   | 6652   | -                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                | -                            | -          | -         | -              | -                                 | -                               |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London; and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 21st January, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |  | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |  |             |          |                   |             |                 |         |                                      |                                 |            |           |  | Inquest<br>Cases. | Deaths in<br>Public<br>Institutions. | Uncertified<br>Causes<br>of Death. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                |  |   |  |  | Deaths of                                 |  | Deaths from |          |                   |             |                 |         |                                      |                                 |            |           |  |                   |                                      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |  |   |  |  | Infants<br>under 1<br>Year of Age.        | Persons<br>aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric<br>(or<br>Typhoid)<br>Fever. | Simple con-<br>tinued<br>Fever. | Diarrhoea. | Violence. |  |                   |                                      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EAST DISTRICTS.                |  |   |  |  |   |  |             |          |                   |             |                 |         |                                      |                                 |            |           |  |                   |                                      |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above table by W:-

- Marylebone Infirmary in Kensington Town sub-district.
- Central London Sick Asylum in Tottenham Court-road sub-district.
- Holborn Infirmary in Upper Holloway sub-district.
- London City Workhouse - - - - - Hackney sub-district.
- Holborn - - - - - Hoxton New Town sub-district.
- Whitechapel - - - - - Mile End Old Town Eastern sub-dist.
- London City - - - - - Mile End Old Town Eastern sub-dist.
- Stepney Workhouse in Bromley sub-district.
- Poplar & Stepney Sick Asylum.
- Westminster Union Industrial School in West Battersea sub-district.
- Strand and Holborn Workhouses outside Registration London.
- Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

\* Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 21st January, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.          | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |    |    |                |                                   |                                 |
|---|---|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----|----|----------------|-----------------------------------|---------------------------------|
|   |   |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |    |    | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
|   |   |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |    |    |                |                                   |                                 |
|   |   |  |   |         |         |   |                                     |             |          |                |             |                 |        |            |           |    |    |                |                                   |                                 |
| LONDON—OUTER RING   |   |  |   |         |         | 122                                       | 180                                 | -           | 8        | 1              | 11          | 39              | 3      | 7          | 12        | 20 | 45 | 13             |                                   |                                 |
| 30: 1   | Carshalton <i>wL</i> -                  | 12228  | 21118   | 8       | 21      | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | 14 | -              |                                   |                                 |
| 2   | Epsom ( <i>part of</i> ) * <i>WwH</i>   | 9971   | 10710   | 2       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 37: 1   | Godstone ( <i>part of</i> ) * -         | 2754   | 1235  | 2       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 38: 1   | Croydon <i>WwHHL</i> -                  | 20851  | 101241  | 80      | 31      | 2   | 11                                  | -           | -        | -              | 1           | 1               | -      | -          | -         | -  | 5  | -              |                                   |                                 |
| 2   | Mitcham <i>w†</i> -                     | 11097  | 17932   | 13      | 4       | 2   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | 1         | 1  | -  | -              |                                   |                                 |
| 39: 1   | Wimbledon <i>HHH</i> -                  | 3220   | 15950   | 19      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 2   | Kingston <i>WHH</i> -                   | 8549   | 36354   | 16      | 24      | 4   | 10                                  | -           | -        | -              | -           | -               | -      | -          | 1         | -  | 2  | 1              |                                   |                                 |
| 3   | Esher ( <i>part of</i> ) * -            | 6801   | 9221  | 5       | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 4   | Hampton <i>H</i> -                      | 4573   | 13539   | 9       | 4       | -   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 40: 1   | Richmond <i>WH</i> -                    | 2272   | 21302   | 13      | 12      | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1  | -              |                                   |                                 |
| 2   | Mortlake -                              | 2941   | 12331   | 8       | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | 1  | -              |                                   |                                 |
| 41: 1   | Bromley ( <i>pt. of</i> ) * <i>HH</i>   | 15669  | 31142   | 31      | 11      | 4   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 2   | Chislehurst( <i>pt.of</i> )* <i>WHH</i> | 14307  | 15844   | 5       | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | 2  | -              |                                   |                                 |
| 42: 1   | Bexley <i>H</i> -                       | 13437  | 24134   | 18      | 5       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 124: 1  | Sunbury <i>w</i> -                      | 11055  | 11685   | 9       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 2   | Staines <i>W</i> -                      | 13277  | 12089   | 5       | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 2  | -              |                                   |                                 |
| 125: 1  | Hillingdon <i>WHH</i> -                 | 6029   | 10802   | 9       | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1  | -              |                                   |                                 |
| 2   | Uxbridge -                              | 6178   | 3225  | 2       | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 3   | Hayes <i>wHL</i> -                      | 14587  | 11523   | 6       | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 2  | -              |                                   |                                 |
| 126: 1  | Isleworth <i>WHH</i> -                  | 7008   | 22727   | 15      | 10      | 2   | 6                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1  | -              |                                   |                                 |
| 2   | Twickenham <i>H</i> -                   | 2477   | 12479   | 10      | 9       | 4   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  | -              |                                   |                                 |
| 3   | Brentford <i>HL</i> -                   | 4345   | 27649   | 33      | 8       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  | -              |                                   |                                 |
| 4   | Chiswick -                              | 1340   | 15975   | 10      | 7       | 4   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 5   | Acton <i>wH</i> -                       | 6083   | 22376   | 25      | 6       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | -  | -              |                                   |                                 |
| 127: 1  | Harrow <i>H</i> -                       | 13809  | 12796   | 13      | 9       | 3   | 1                                   | -           | 1        | -              | -           | 1               | -      | -          | 1         | 1  | 1  | -              |                                   |                                 |
| 2   | Edgware <i>H</i> -                      | 6994   | 3749  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 3   | Willesden -                             | 4338   | 27453   | 35      | 21      | 9   | 6                                   | -           | -        | -              | -           | -               | -      | -          | 3         | 3  | -  | -              |                                   |                                 |
| 4   | Hendon <i>W</i> -                       | 8332   | 10494   | 3       | 9       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 3  | -              |                                   |                                 |
| 128: 1  | South Mimms -                           | 15599  | 6391  | 1       | 2       | -   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 2   | Barnet -                                | 5433   | 10092   | 7       | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 3   | Finchley <i>HL</i> -                    | 4638   | 17615   | 11      | 11      | 3   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 4  | -              |                                   |                                 |
| 129: 1  | Hornsey <i>H</i> -                      | 3039   | 37073   | 23      | 21      | 6   | 8                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 2   | Tottenham <i>H</i> -                    | 4642   | 46453   | 60      | 41      | 6   | 8                                   | -           | 1        | -              | -           | 9               | 1      | 1          | -         | 3  | 1  | 1              |                                   |                                 |
| 3   | Edmonton <i>Ww†</i> -                   | 7483   | 23463   | 18      | 19      | 3   | 8                                   | -           | -        | -              | 1           | 3               | -      | -          | 1         | 1  | 4  | -              |                                   |                                 |
| 4   | Enfield <i>WH</i> -                     | 12653  | 19104   | 10      | 17      | 2   | 4                                   | -           | 1        | -              | 4           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 5   | Waltham Abbey -                         | 11017  | 5363  | 3       | 4       | -   | 1                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 6   | Cheshunt -                              | 8490   | 7755  | 3       | 3       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 135: 1  | Hatfield ( <i>part of</i> ) *           | 3306   | 583   | -       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 137: 1  | Bushey -                                | 9331   | 6621  | 6       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 136: 1  | Stratford -                             | 892  | 38606   | 27      | 24      | 11  | 2                                   | -           | -        | -              | -           | 4               | -      | -          | 1         | 1  | -  | 2              |                                   |                                 |
| 2   | West Ham <i>wowwH§</i> -                | 7351   | 101053  | 143     | 76      | 30  | 11                                  | -           | 3        | -              | 3           | 11              | 1      | 2          | 1         | 2  | -  | 5              |                                   |                                 |
| 3   | Leyton <i>WwL</i> -                     | 4372   | 32430   | 24      | 24      | 5   | 7                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -  | 4  | 2              |                                   |                                 |
| 4   | Walthamstow <i>H</i> -                  | 6520   | 25869   | 25      | 17      | 3   | 1                                   | -           | -        | -              | 2           | 1               | -      | 1          | 1         | 1  | -  | 1              |                                   |                                 |
| 137: 1  | Chigwell ( <i>part of</i> ) * <i>H</i>  | 11761  | 9639  | 14      | 7       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 139: 1  | Romford ( <i>part of</i> ) *            | 6730   | 3411  | 2       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |                                 |
| 2   | Ilford -                                | 8493   | 7645  | 9       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | 1              |                                   |                                 |
| 3   | Barking Town -                          | 4127   | 9203  | 6       | 4       | 1   | -                                   | -           | -        | -              | -           | 3               | 1      | -          | -         | -  | -  | -              |                                   |                                 |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Warrington and Farley in Godstone sub-district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 376); 139: 1, the parish of Dagenham in Romford sub-district.  
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).  
 ‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).  
 § Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 21st January, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>188. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |  |                                   |
|---------------------------|--|---|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|--|-----------------------------------|
|                           |  |   | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  |  | Deaths in Public<br>Institutions. |
|                           |  |   |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |  |                                   |
| Cols.                     | 1.   | 2.  | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16  |  |  |                                   |
| REATER LONDON             | 448,334  | 5,527,886                                     | 23·7  | 3·1                                   | 2511                             | 525                                       | 644  | -           | 22       | 43                | 33          | 177                 | 30     | 22        | 90        | 458 |  |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                     | 24·4  | 3·1                                   | 2000                             | 403                                       | 514  | -           | 14       | 42                | 22          | 138                 | 27     | 15        | 78        | 413 |  |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                     | 21·4  | 2·9                                   | 511                              | 122                                       | 130  | -           | 8        | 1                 | 11          | 39                  | 3      | 7         | 12        | 45  |  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,052,158 Persons.

| CITIES.          | POPULATION<br>(enumerated<br>or<br>estimated). | DATE<br>OF RETURN.<br>Week ending | BIRTHS.<br>Exclusive of Stillborn. | DEATHS. | ANNUAL<br>DEATH-<br>RATE<br>per 1000<br>living. | DEATHS FROM<br>EPIDEMIC DISEASES.   |
|------------------|--|-----------------------------------|------------------------------------|---------|---|---|
| CALCUTTA - -     | 493,219  | December 17                       | -                                  | -       | -   | -   |
| BOMBAY - -       | 773,196  | " 27                              | 334                                | 424     | 26·1  | Fevers 125; diarrhoeal diseases 34; sm.-px. 6.                              |
| MADRAS - -       | 398,777  | " 16                              | 316                                | 319     | 41·7  | Fevers 78; cholera 7; diarrhoeal diseases 48.                               |
| PARIS - -        | 2,260,945                                      | January 14                        | 1152                               | 1127    | 26·2  | Typ. fever 33; sm.-pox 8; diph. & ep. 24; diar. dis. 62.                    |
| BRUSSELS - -     | 450,708  | " 14                              | 230*                               | 178*    | 22·6*   | Typhus and typh. fev. 4; diphtheria 2; croup 6.                             |
| AMSTERDAM -      | 378,969  | " 14                              | 330                                | 215     | 28·6  | Diph. 5; whooping-cough 4; meas. 7.   |
| ROTTERDAM -      | 190,521  | " 14                              | 133                                | 103     | 28·0  | Wh.-cough 4; measles 2.   |
| THE HAGUE -      | 143,626  | " 14                              | 128                                | 75      | 23·5  | -   |
| COPENHAGEN -     | 300,000  | " 10                              | 256                                | 152     | 26·4  | Measles 5; scar. fev. 7; diphtheria 4.                                      |
| STOCKHOLM -      | 216,807  | " 7                               | 122                                | 105     | 25·2  | Scarlet fever 8; diphtheria and croup 5.                                    |
| CHRISTIANIA -    | 134,000  | " 14                              | 72                                 | 109     | 42·3  | Measles 37; diphtheria and croup 17.  |
| ST. PETERSBURG   | 928,016  | " 7                               | -                                  | 547     | 30·8  | Typh. and typh. fev. 17; sc. fev. 14; diph. 9; d. dis. 82.                  |
| BERLIN - -       | 1,385,991                                      | December 31                       | 858                                | 499     | 18·4  | Diph. 24; scar. fev. 5; wh.-ch. 11; typ. & typh. 13; meas. 17; wh.-cough 7. |
| HAMBURG (State)  | 629,091  | January 7                         | 378                                | 311     | 30·7  | Diphtheria and croup 8; measles 2.  |
| DENSDEN - -      | 254,088  | December 31                       | 141                                | 96      | 19·6  | Diph. 15; typ. & typh. fever 2.   |
| BRESLAU - -      | 308,105  | January 7                         | 219                                | 199     | 34·3  | Diphtheria and croup 6; scarlet fever 2.                                    |
| MUNICH - -       | 275,000  | " 7                               | 180                                | 147     | 27·8  | Diph. 9; scar. fev. 9; measles 3.   |
| VIENNA - -       | 800,836  | " 7                               | 501                                | 385     | 25·0  | Small-pox 16; diph. 8; typh. and typh. fev. 7.                              |
| PRAGUE - -       | 295,857  | " 14                              | -                                  | 201     | 35·4  | Diph. 6; typh. fever 2; measles 8.  |
| BUDA-PESTH -     | 442,787  | " 7                               | 313                                | 275     | 32·3  | Small-pox 7; diph. and croup 2.   |
| TRIESTE - -      | 156,042  | " 7                               | -                                  | 105     | 36·9  | Small-pox 4; malarial fever 4.  |
| ROME - -         | 369,214  | December 17                       | 244                                | 170     | 24·0  | Sm.-pox 5; diphtheria 6; typhoid fever 2.                                   |
| TURIN (10 days)- | 286,956  | " 20                              | 220                                | 201     | 25·1  | Diarrhoeal diseases 7.  |
| VENICE - -       | 147,347  | January 7                         | 97                                 | 117     | 41·4  | Sm.-pox 2; typh. fev. 5; diarrhoeal diseases 114.                           |
| CAIRO - -        | 374,538  | December 29                       | 396                                | 305     | 42·5  | Diphtheria and croup 5; typh. fev. 3; diar. dis. 48.                        |
| ALEXANDRIA -     | 231,396  | " 29                              | 245                                | 207     | 46·7  | -   |
| NEW YORK -       | 1,429,697                                      | " 31                              | -                                  | -       | -   | -   |
| BROOKLYN -       | 745,109  | " 31                              | -                                  | -       | -   | -   |
| PHILADELPHIA -   | 993,801  | " 31                              | -                                  | 409     | 21·5  | Diphtheria 19; croup 13; typhoid fever 11.                                  |
| BALTIMORE -      | 417,320  | " 31                              | -                                  | 145     | 18·1  | Diph. 8; typh. fev. 2; measles 8.   |

\* These figures relate to the City of Brussels and 7 of the 8 Faubourgs.



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 21st JANUARY, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |                 | Phases of the Moon. | TEMPERATURE.  |              |                 |                         | Difference between the Air Temperature and Dew Point.    |                         |                                    |        | TEMPERATURE.                      |                                 |                           |              | Wind as deduced from Anemometers. |      |                              |        | Rain collected in a Gauge whose surface is 5 inches above the ground. | Ozone. |             |                        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Month and Day. | Baro-<br>meter. |                     | Of the Air.   |              |                 |                         | Of the Dew Point.  |                         | Degree of Saturation (Sat. = 100). |        | Of Radiation.                     |                                 | Of the Water at Deptford. |              | Oiler's.                          |      | Pressure on the Square Foot. |        |   |        | Robinson's. |                        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                |                 |                     | High-<br>est. | Low-<br>est. | Daily<br>Range. | Mean<br>daily<br>value. | De-<br>parture<br>from<br>Average<br>value.<br>30 years. | Mean<br>daily<br>value. | Great-<br>est.                     | Least. | High-<br>est in<br>Sun's<br>Rays. | Low-<br>est<br>on the<br>Grass. | High-<br>est.             | Low-<br>est. | A.M.                              | P.M. | Great-<br>est.               | Least. |   |        |             | Mean<br>Hourly<br>obs. | Horizontal<br>Movement<br>of the Air<br>on each<br>Day. | Departure<br>from<br>Average<br>of<br>10 Years. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                |                 |                     |               |              |                 |                         |  |                         |                                    |        |                                   |                                 |                           |              |                                   |      |                              |        |   |        |             |                        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JANUARY.       |                 |                     |               |              |                 |                         |  |                         |                                    |        |                                   |                                 |                           |              |                                   |      |                              |        |   |        |             |                        |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| DATE.       |    | ELECTRICITY.   |         | REGISTERED SNOW ABOVE FLOORS. |          | GENERAL REMARKS.   |  |
|-------------|----|--|---------|-------------------------------|----------|--|--|
| JANUARY.    |    | (For explanation of symbols, see Note.)                      |         | in hours.                     |          | in hours.  |  |
| SUNDAY      | 15 | m. P. generally  | 0.0     | 0.0                           | 8.3      | Overcast. A little snow fell in afternoon. Gusty wind.   |  |
| MONDAY      | 16 | w. P. in morning; m. P. afterwards.                          | 0.0     | 0.0                           | 8.3      | Overcast till evening; variable at night.  |  |
| TUESDAY     | 17 | m. P. increasing to s. P.                                    | 0.1     | 0.1                           | 8.3      | Cloudless till evening; cloudless at night.  |  |
| WEDNESDAY   | 18 | m. P. generally  | 0.0     | 0.0                           | 8.4      | Fine and frosty in morning; overcast afterwards.   |  |
| THURSDAY    | 19 | m. P. till 5h. A.M.; s. P. generally afterwards.             | 0.0     | 0.0                           | 8.4      | Overcast throughout.   |  |
| FRIDAY      | 20 | s. P. generally  | 2.4     | 2.4                           | 8.5      | Hear frost in morning; fine with small amounts of light cloud till afternoon; overcast afterwards. A little fine rain fell in evening. |  |
| SATURDAY    | 21 | s. P. till 8h. A.M.; m. N. till 11h. A.M.; v. P. afterwards. | 0.0     | 0.0                           | 8.5      | Overcast. Rain fell in morning, principally between 8h. A.M. and 11h. A.M.   |  |
| MEANS       | .. | ..   | Sum 2.5 | Sum 2.5                       | Sum 58.7 | ..   |  |
| No. of Col. | .. | 23   | 29      | 30                            | 30       | ..   |  |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30.35 in. at the beginning of the week to 30.27 in. by 9h. A.M. on the 16th; increased to 30.48 in. by 9h. P.M. on the 18th; and decreased to 29.83 in. by the end of the week.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 4. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JANUARY 28. [Price 1½d.

General Register Office, Somerset House,  
30th January, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 22·5 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |          |          |          | TOWNS.             | Weeks ending |          |          |          |
|--------------|--------------|----------|----------|----------|--------------------|--------------|----------|----------|----------|
|              | Jan. 7.      | Jan. 14. | Jan. 21. | Jan. 28. |                    | Jan. 7.      | Jan. 14. | Jan. 21. | Jan. 28. |
| Birkenhead   | 24·0         | 17·7     | 20·9     | 25·5     | Liverpool - -      | 25·1         | 21·0     | 21·6     | 21·1     |
| Birmingham   | 19·5         | 24·6     | 21·0     | 23·5     | London - -         | 22·8         | 23·6     | 24·4     | 22·1     |
| Blackburn -  | 28·5         | 27·6     | 28·1     | 29·4     | Manchester -       | 35·6         | 34·9     | 26·8     | 31·9     |
| Bolton -     | 27·6         | 23·9     | 24·4     | 22·5     | Newcastle-on-Tyne* | 24·9         | 22·6     | 21·3     | 21·7     |
| Bradford* -  | 17·7         | 21·8     | 19·5     | 15·9     | Norwich - -        | 23·4         | 22·8     | 20·6     | 29·0     |
| Brighton -   | 14·8         | 18·3     | 17·0     | 14·3     | Nottingham*        | 21·2         | 22·6     | 25·3     | 21·0     |
| Bristol -    | 23·3         | 24·4     | 18·2     | 27·0     | Oldham - -         | 24·9         | 22·3     | 18·5     | 20·8     |
| Cardiff*     | 25·0         | 21·1     | 23·1     | 22·1     | Plymouth - -       | 40·3         | 28·2     | 25·5     | 22·8     |
| Derby -      | 20·6         | 17·9     | 20·1     | 15·2     | Portsmouth -       | 28·4         | 20·6     | 28·8     | 17·9     |
| Halifax -    | 25·4         | 18·9     | 24·7     | 20·2     | Preston - -        | 29·3         | 25·8     | 18·7     | 27·8     |
| Huddersfield | 18·8         | 19·4     | 20·0     | 18·8     | Salford* - -       | 25·1         | 21·0     | 21·7     | 19·6     |
| Hull -       | 19·9         | 18·3     | 18·1     | 20·6     | Sheffield - -      | 26·4         | 25·3     | 25·0     | 26·4     |
| Leeds -      | 23·9         | 23·0     | 19·2     | 22·1     | Sunderland -       | 20·6         | 14·2     | 20·2     | 20·2     |
| Leicester* - | 24·2         | 15·3     | 19·2     | 21·7     | Wolverhampton -    | 31·9         | 28·7     | 23·6     | 31·3     |

The highest annual death-rates from *scarlet fever*, measured by last week's mortality, were 1·1 in Norwich and 1·3 in Blackburn; from *measles*, 1·3 in Blackburn, and 1·8 in Bolton and in Nottingham; from *whooping-cough*, 1·6 in Birkenhead, 2·0 in London, 2·2 in Derby, and 2·6 in Wolverhampton; and from "fever," 1·3 in Brighton, and 1·4 in Nottingham. The 46 deaths from *diphtheria* in the twenty-eight towns included 29 in London, 2 in Bristol, 2 in Birmingham, 3 in Manchester, 2 in Oldham, and 3 in Preston. *Small-pox* caused 37 deaths in Sheffield, one in Bristol, and one in Leeds, but not one in London or in any of the twenty-four other large provincial towns.

## LONDON.

In LONDON† 2715 BIRTHS and 1816 DEATHS were registered. Allowing for increase of population, the births were 148, and the deaths 177, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 22·8, 23·6, and 24·4 in the three preceding weeks, declined last week to 22·1. During the first four weeks of the current quarter the death-rate averaged 23·2 per 1000, and was 0·8 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1816 deaths included 16 from *measles*, 29 from *scarlet fever*, 29 from *diphtheria*, 168 from *whooping-cough*, 13 from *enteric fever*, 1 from an undefined

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last inter-censal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



form of continued fever, 11 from diarrhoea and dysentery, and not one from small-pox, typhus or cholera; thus, 267 deaths were referred to these diseases, being 19 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 20. There were only 9 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last, and not one in the Highgate Small-pox Hospital. The deaths from *measles*, which had been 25 and 14 in the preceding two weeks, were last week 16, and 24 below the corrected average; 6 belonged to Islington sanitary area, of which 4 occurred in the workhouse infirmary. The fatal cases of *scarlet fever*, which had been 37, 25, and 42 in the preceding three weeks, declined again last week to 29, and were 9 below the corrected average; 6 belonged to Mile End Old Town, 2 to Chelsea, 2 to Clerkenwell, 2 to Bethnal Green, 2 to Poplar, and 2 to Bermondsey sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1641 scarlet fever patients (there were also 100 in the London Fever Hospital), against numbers declining in the eight preceding weeks from 2602 to 1729; 135 cases were admitted to the Metropolitan Asylum Hospitals during last week, against 147, 148, and 122 in the three preceding weeks. The deaths from *diphtheria*, which had been 16 and 22 in the two previous weeks, further rose last week to 29, and exceeded the corrected average by 14; 5 belonged to Paddington, 3 to Kensington, 2 to Westminster, and 2 to Stepney (at 1, Lockside, Limehouse,) sanitary areas. The 168 fatal cases of *whooping-cough* showed a further increase upon the high numbers returned in recent weeks, and exceeded the corrected average by 67; 9 belonged to Hammersmith, 18 to Islington, 14 to Bethnal Green, 12 to Poplar, 14 to Wandsworth, and 15 to Camberwell sanitary areas. The deaths from this disease showed the largest increase in the Western and Southern groups of sanitary areas. The 11 deaths attributed to *diarrhoea* and *dysentery* were 4 below the corrected average.

The deaths referred to *enteric fever*, which had been 28, 22, and 26 in the three previous weeks, declined last week to 13, and were 3 below the corrected average; 2 belonged to St. James Westminster, 2 to Pancras, and 2 to Islington sanitary areas. The death of a child, aged 3 years, in Chelsea sanitary area, was indefinitely referred to "some contagious fever." The Metropolitan Asylum Hospitals contained 156 cases of enteric fever, and 3 of typhus, on Saturday last; 15 cases of enteric fever, but not one of typhus, were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had increased in the five preceding weeks from 357 to 591, declined last week to 534, and were 39 below the corrected weekly average.

Different forms of violence caused 59 deaths; 55 were the result of negligence or accident, among which were 18 from fractures and contusions, 15 from burns and scalds (including 4 caused by the recent fire in the City), 4 from drowning, and 14 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus returned:—1 by accident from van in street, 1 by accident on railway, 2 by falling in street, 1 by falling into area, 1 by falling from window, 1 by falling in room, 2 by falling from bed, 1 by falling into well of lift, 6 by falling down stairs, 1 by injury from a kick, and 1 by fall, the nature of which was not stated. An inquest was held in each of these cases, except in that of a child aged 3 years who fell down stairs in Eltham. Three cases of suicide were registered.

#### GREATER LONDON.

In Greater London 3526 births and 2298 deaths were registered, corresponding to annual rates of 33·3 and 21·7 per 1000 of the population. In the Outer Ring 74 deaths from whooping-cough, and 15 from diphtheria, were registered. Of the deaths from whooping-cough, 30 occurred in the district of West Ham, and 28 in the district of Tottenham; 5 fatal cases of diphtheria occurred in Walthamstow, 2 in Enfield, and 2 in Croydon sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·98 in.; the highest reading was 30·28 in. at noon on Tuesday, and the lowest 29·66 in. on Thursday morning. The mean temperature of the *air* was 40°·7, and 0°·9 above the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on each of the first five days of the week, whereas it was below the average on Friday and Saturday. The general direction of the *wind* was North-westerly, and the horizontal movement of the *air* averaged 18·4 miles per hour, which was 4·4 miles above the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·10 of an inch. The duration of registered bright sunshine in the week was 3·0 hours, against 17·6 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 28th January, 1888.

| CITIES<br>AND<br>BOROUGH. | Registered during<br>the Week ending<br>28th Jan., 1888. |         |                                    | The Deaths registered in the Week include |             |          |                   |             |                     |        |            |           |                | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths |                     |                           |                                  |      | TEMPERATURE OF THE AIR. |      |               |                         |      | RAINFALL. |             | CITIES<br>AND<br>BOROUGH. |              |             |
|---------------------------|--|---------|------------------------------------|---|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|----------------|--|---------------------|---------------------------|----------------------------------|------|-------------------------|------|---------------|-------------------------|------|-----------|-------------|---------------------------|--------------|-------------|
|                           | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age. | Deaths of                                 |             |          | Deaths from       |             |                     |        |            |           |                |  | From All<br>Causes. | From<br>Diseases<br>6-12. | Fahrenheit.                      |      |                         |      | In<br>Inches. | In<br>Centi-<br>metres. |      |           |             |                           |              |             |
|                           |  |         |                                    | Persons aged<br>60 Years<br>and upwards.  | Deaths from |          |                   |             |                     |        |            |           |                |  |                     |                           |                                  |      |                         |      |               |                         |      |           |             |                           |              |             |
|                           |  |         |                                    |   | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions.                                 |                     |                           | Unidentified<br>Causes of Death. |      |                         |      |               |                         |      |           |             |                           |              |             |
| Cols.                     | 1.   | 2.      | 3.                                 | 4.  | 5.          | 6.       | 7.                | 8.          | 9.                  | 10.    | 11.        | 12.       | 13.            | 14.  | 15.                 | 16.                       | 17.                              | 18.  | 19.                     | 20.  | 21.           | 22.                     | 23.  | 24.       | Cols.       |                           |              |             |
| 28 TOWNS*                 | 9,398,273  | 6106    | 4056                               | 904                                       | 1031        | 39       | 47                | 61          | 46                  | 214    | 39         | 32        | 132            | 264  | 781                 | 75                        | 22.5                             | 2.7  | 53.0                    | 25.5 | 41.3          | 5.17                    | 0.17 | 0.43      | - 28 TOWNS. |                           |              |             |
| LONDON*                   | 4,282,921  | 2715    | 1816                               | 394                                       | 448         | -        | 16                | 29          | 29                  | 168    | 14         | 11        | 59             | 127  | 381                 | 12                        | 3.3                              | 48.6 | 29.0                    | 40.7 | 4.83          | 0.10                    | 0.25 | LONDON.   |             |                           |              |             |
| BRIGHTON                  | 119,983  | 56      | 33                                 | 3   | 16          | -        | -                 | 2           | 3                   | -      | -          | -         | 2              | 2  | 7                   | 12                        | 14.3                             | 2.2  | 56.0                    | 28.0 | 40.3          | 4.61                    | 0.09 | 0.23      | BRIGHTON.   |                           |              |             |
| PORTSMOUTH                | 138,575  | 97      | 48                                 | 10  | 17          | -        | -                 | 2           | -                   | 3      | -          | -         | 1              | 1  | 4                   | 7                         | 17.9                             | 1.9  | -                       | -    | -             | -                       | -    | -         | PORTSMOUTH. |                           |              |             |
| NORWICH                   | 93,675   | 64      | 32                                 | 14  | 21          | -        | -                 | 2           | -                   | 1      | -          | 1         | -              | 5  | 1                   | 1                         | 22.8                             | 2.8  | -                       | -    | -             | -                       | -    | -         | NORWICH.    |                           |              |             |
| PLYMOUTH                  | 77,674   | 62      | 34                                 | 15  | 7           | -        | 1                 | -           | -                   | -      | -          | -         | -              | 2  | 1                   | 1                         | 27.0                             | 0.7  | 52.2                    | 30.4 | 43.3          | 6.28                    | 0.11 | 0.28      | PLYMOUTH.   |                           |              |             |
| BRISTOL                   | 226,510  | 146     | 117                                | 16  | 48          | 1        | -                 | 1           | 2                   | 1      | 1          | 1         | 2              | 2  | 25                  | 2                         | 27.0                             | 1.6  | 52.0                    | 27.7 | 41.3          | 5.17                    | 0.07 | 0.18      | BRISTOL.    |                           |              |             |
| WOLVERHAMPTON             | 81,601   | 58      | 49                                 | 13  | 10          | -        | -                 | -           | 4                   | -      | -          | -         | 3              | 5  | 7                   | 31.3                      | 2.6                              | 50.7 | 25.5                    | 40.0 | 4.44          | 0.11                    | 0.28 | 0.11      | 0.28        | WOLVERHAMPTON.            |              |             |
| BIRMINGHAM                | 447,912  | 297     | 202                                | 34  | 58          | -        | 9                 | 3           | 2                   | 7      | 1          | 4         | 7              | 17   | 34                  | 3                         | 23.5                             | 3.0  | -                       | -    | -             | -                       | -    | -         | -           | BIRMINGHAM.               |              |             |
| LEICESTER*                | 146,790  | 94      | 61                                 | 25  | 15          | -        | -                 | 2           | 1                   | 2      | 1          | 1         | 2              | 1  | 7                   | 3                         | 21.7                             | 1.4  | 50.2                    | 28.0 | 41.1          | 5.06                    | 0.18 | 0.46      | LEICESTER.  |                           |              |             |
| NOTTINGHAM*               | 230,921  | 140     | 93                                 | 20  | 23          | -        | 8                 | -           | 1                   | -      | -          | 6         | 2              | 5  | 6                   | 15                        | 21.0                             | 3.8  | 51.6                    | 28.0 | 41.7          | 5.39                    | 0.08 | 0.20      | 0.08        | 0.20                      | NOTTINGHAM.  |             |
| DERBY                     | 96,241   | 62      | 28                                 | 8   | 10          | -        | 1                 | -           | 1                   | 4      | -          | -         | 1              | 2  | 1                   | 1                         | 15.2                             | 3.1  | -                       | -    | -             | -                       | -    | -         | -           | DERBY.                    |              |             |
| BIRKENHEAD                | 100,093  | 79      | 49                                 | 17  | 9           | -        | 1                 | -           | 1                   | 3      | -          | 2         | -              | 1  | 5                   | 1                         | 25.5                             | 3.1  | -                       | -    | -             | -                       | -    | -         | -           | BIRKENHEAD.               |              |             |
| LIVERPOOL                 | 599,738  | 397     | 243                                | 54  | 65          | -        | 4                 | 2           | 1                   | 4      | 4          | 1         | 15             | 18   | 51                  | 13                        | 21.1                             | 1.0  | 50.8                    | 31.3 | 41.6          | 5.33                    | 0.13 | 0.33      | 0.13        | 0.33                      | LIVERPOOL.   |             |
| BOLTON                    | 113,506  | 88      | 49                                 | 14  | 5           | -        | 4                 | 2           | 1                   | 1      | -          | -         | 1              | 1  | 1                   | 2                         | 22.5                             | 3.7  | -                       | -    | -             | -                       | -    | -         | -           | BOLTON.                   |              |             |
| MANCHESTER                | 578,164  | 276     | 231                                | 44  | 50          | -        | -                 | 5           | 3                   | 3      | 4          | -         | 7              | 17   | 60                  | 6                         | 31.9                             | 2.1  | -                       | -    | -             | -                       | -    | -         | -           | -                         | MANCHESTER.  |             |
| SAFORD*                   | 226,336  | 159     | 85                                 | 27  | 19          | -        | 2                 | 4           | 2                   | 2      | -          | -         | 3              | 3  | 9                   | 2                         | 19.6                             | 1.8  | -                       | -    | -             | -                       | -    | -         | -           | -                         | SAFORD.      |             |
| OLDHAM                    | 138,220  | 79      | 55                                 | 10  | 14          | -        | 1                 | 2           | 2                   | 1      | -          | 1         | 3              | 8  | 9                   | 9                         | 20.8                             | 2.6  | -                       | -    | -             | -                       | -    | -         | -           | -                         | OLDHAM.      |             |
| BLACKBURN                 | 119,039  | 101     | 67                                 | 20  | 20          | -        | 3                 | 3           | -                   | -      | -          | 1         | 1              | 2  | 14                  | 1                         | 29.4                             | 3.1  | -                       | -    | -             | -                       | -    | -         | -           | -                         | BLACKBURN.   |             |
| PRESTON                   | 103,234  | 73      | 55                                 | 12  | 10          | -        | -                 | -           | 3                   | 1      | 1          | 2         | -              | 2  | 6                   | 5                         | 27.8                             | 3.5  | 48.0                    | 29.0 | 41.6          | 5.33                    | 0.30 | 0.76      | 0.30        | 0.76                      | PRESTON.     |             |
| HUDDESFIELD               | 91,419   | 32      | 33                                 | 8   | 7           | -        | -                 | 1           | -                   | 1      | -          | -         | -              | 1  | 1                   | 2                         | 18.8                             | 0.6  | -                       | -    | -             | -                       | -    | -         | -           | -                         | HUDDESFIELD. |             |
| HALIFAX                   | 80,138   | 35      | 31                                 | 6   | 8           | -        | -                 | 1           | -                   | 1      | -          | -         | 1              | 1  | 1                   | -                         | 20.2                             | 1.3  | -                       | -    | -             | -                       | -    | -         | -           | -                         | HALIFAX.     |             |
| BRADFORD*                 | 229,721  | 120     | 70                                 | 19  | 20          | -        | -                 | 2           | -                   | 2      | -          | 3         | 2              | 7  | 7                   | -                         | 15.9                             | 1.1  | 49.0                    | 28.2 | 42.7          | 5.94                    | 0.22 | 0.56      | 0.22        | 0.56                      | BRADFORD.    |             |
| LEEDS                     | 361,210  | 231     | 149                                | 30  | 46          | 1        | 1                 | -           | 2                   | 1      | -          | -         | 2              | 10   | 22                  | 5                         | 22.1                             | 0.7  | -                       | -    | -             | -                       | -    | -         | -           | -                         | LEEDS.       |             |
| SHEFFIELD                 | 321,711  | 232     | 163                                | 36  | 27          | 37       | -                 | 1           | 1                   | 1      | 1          | -         | 5              | 10   | 33                  | 4                         | 26.4                             | 6.6  | -                       | -    | -             | -                       | -    | -         | -           | -                         | SHEFFIELD.   |             |
| HULL                      | 202,339  | 116     | 80                                 | 15  | 20          | -        | -                 | 1           | -                   | 1      | -          | -         | 1              | 2  | 7                   | 7                         | 20.6                             | 0.0  | -                       | -    | -             | -                       | -    | -         | -           | -                         | HULL.        |             |
| SUNDERLAND                | 131,919  | 92      | 51                                 | 11  | 12          | -        | -                 | 1           | -                   | 2      | 1          | 1         | 1              | 3  | 5                   | 6                         | 1                                | 20.2 | 2.0                     | -    | -             | -                       | -    | -         | -           | -                         | -            | SUNDERLAND. |
| NEWCASTLE*                | 123,063  | 118     | 66                                 | 22  | 16          | -        | -                 | -           | -                   | 1      | -          | 1         | 1              | 2  | 7                   | 4                         | 3                                | 21.7 | 0.7                     | 53.0 | 29.0          | 39.6                    | 4.22 | 0.46      | 1.17        | 0.46                      | 1.17         | NEWCASTLE.  |
| CARDIFF*                  | 168,470  | 87      | 46                                 | 7   | 10          | -        | -                 | -           | -                   | -      | -          | -         | 3              | 4  | 6                   | 1                         | 22.1                             | 0.5  | -                       | -    | -             | -                       | -    | -         | -           | -                         | CARDIFF.     |             |
| EDINBURGH                 | 262,733  | 136     | 113                                | 20  | 35          | -        | 8                 | -           | 3                   | 1      | 1          | 2         | 2              | ?  | 18                  | 31                        | 22.4                             | 3.0  | 51.8                    | 25.5 | 41.2          | 5.11                    | 0.37 | 0.94      | 0.37        | 0.94                      | EDINBURGH.   |             |
| GLASGOW                   | 356,088  | 385     | 234                                | 55  | 31          | -        | -                 | 1           | 4                   | 12     | 5          | 3         | 8              | ?  | 30                  | 33                        | 23.2                             | 2.5  | 51.2                    | 26.2 | 42.3          | 5.72                    | 0.79 | 2.01      | 0.79        | 2.01                      | GLASGOW.     |             |
| DUBLIN                    | 353,682  | 219     | 224                                | 38  | 56          | -        | 2                 | 10          | 6                   | 8      | 4          | 3         | 4              | 4  | 62                  | 33                        | 33.1                             | 4.9  | 52.9                    | 21.2 | 42.4          | 5.78                    | 0.03 | 0.03      | 0.03        | 0.03                      | DUBLIN.      |             |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FOURTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2430 | 2641 | 2436 | 2864 | 2665 | 2670 | 2410 | 2727 | 2336 | 2579 | 2863·3   | 2715 |
| Males . .           | 1245 | 1309 | 1275 | 1430 | 1341 | 1352 | 1224 | 1391 | 1419 | 1274 | 1445·9   | 1382 |
| Females .           | 1185 | 1332 | 1161 | 1434 | 1324 | 1318 | 1186 | 1335 | 1417 | 1305 | 1417·4   | 1333 |
| <b>TOTAL Deaths</b> | 1864 | 1812 | 2200 | 2114 | 1971 | 1548 | 1531 | 1885 | 1769 | 1585 | 1993·3   | 1816 |
| Males . .           | 951  | 894  | 1084 | 1043 | 956  | 807  | 779  | 939  | 860  | 813  | 995·1  | 873  |
| Females .           | 913  | 918  | 1116 | 1071 | 1015 | 741  | 752  | 946  | 909  | 772  | 998·2  | 938  |

\* The numbers in this column are the average weekly numbers in the fourth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | Nov.<br>5. | Nov.<br>12. | Nov.<br>19. | Nov.<br>26. | Dec.<br>3. | Dec.<br>10. | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. |     |
|--|---|--------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-----|
| TOTAL Births                                   | - | -            | 2593       | 2634        | 2459        | 2632        | 2599       | 2497        | 2516        | 2406        | 2326        | 2845       | 2556        | 2638        | 2715        |     |
| TOTAL Deaths                                   | - | -            | 1735       | 1564        | 1638        | 1862        | 1705       | 1577        | 1625        | 1502        | 1882        | 1868       | 1940        | 2000        | 1816        |     |
| 0—20   | - | -            | 820        | 786         | 757         | 884         | 792        | 763         | 755         | 764         | 893         | 860        | 815         | 872         | 849         |     |
| 20—40  | - | -            | 212        | 190         | 252         | 237         | 199        | 202         | 196         | 171         | 216         | 202        | 257         | 228         | 215         |     |
| 40—60  | - | -            | 304        | 252         | 273         | 292         | 282        | 245         | 291         | 227         | 324         | 341        | 327         | 386         | 304         |     |
| 60—80  | - | -            | 321        | 271         | 298         | 374         | 361        | 300         | 316         | 280         | 361         | 379        | 441         | 417         | 366         |     |
| at 80 years & upwds.                           | - | -            | 78         | 65          | 58          | 75          | 71         | 67          | 67          | 60          | 88          | 86         | 100         | 97          | 82          |     |
| Deaths of children                             | { | Under 1 year | -          | 393         | 396         | 379         | 423        | 358         | 345         | 342         | 362         | 458        | 387         | 367         | 403         | 394 |
|  |   | 1—5          | -          | 302         | 279         | 263         | 325        | 314         | 307         | 306         | 294         | 325        | 351         | 337         | 349         | 353 |
|  |   | 5—20         | -          | 125         | 111         | 115         | 136        | 120         | 111         | 107         | 103         | 110        | 122         | 111         | 120         | 102 |
| Deaths from Small-pox                          | - | -            | -          | 1           | -           | 1           | -          | -           | -           | -           | -           | -          | 1           | -           | -           | -   |
| " " Measles                                    | - | -            | 30         | 38          | 25          | 27          | 26         | 32          | 17          | 30          | 28          | 25         | 25          | 14          | 16          | -   |
| " " Scarlet fever                              | - | -            | 69         | 62          | 41          | 54          | 54         | 42          | 41          | 39          | 40          | 37         | 25          | 42          | 29          | -   |
| " " Diphtheria                                 | - | -            | 19         | 30          | 25          | 31          | 28         | 27          | 23          | 24          | 22          | 28         | 16          | 22          | 29          | -   |
| " " Whooping-cough                             | - | -            | 44         | 33          | 54          | 75          | 67         | 70          | 106         | 104         | 130         | 120        | 152         | 138         | 168         | -   |
| " " Typhus                                     | - | -            | -          | 1           | 1           | -           | 1          | -           | -           | -           | 1           | -          | -           | -           | -           | -   |
| " " Enteric fever                              | - | -            | 25         | 17          | 23          | 18          | 23         | 30          | 18          | 15          | 19          | 28         | 22          | 26          | 13          | -   |
| " " Simple Cont'd fever                        | - | -            | 1          | -           | 1           | -           | -          | 1           | 2           | 1           | -           | 2          | 1           | 1           | 1           | -   |
| " " Diarrhoea and<br>Dysentery }               | - | -            | 20         | 12          | 11          | 18          | 14         | 12          | 12          | 8           | 12          | 12         | 11          | 15          | 11          | -   |
| " " Cholera                                    | - | -            | -          | -           | -           | -           | -          | -           | -           | -           | -           | -          | -           | -           | -           | -   |
| Deaths from the above-<br>mentioned Diseases } | - | -            | 208        | 194         | 181         | 224         | 213        | 214         | 219         | 221         | 251         | 253        | 253         | 258         | 267         | -   |
| " " Dis. of Respira-<br>tory System }          | - | -            | 506        | 438         | 461         | 560         | 455        | 408         | 413         | 357         | 442         | 502        | 579         | 591         | 534         | -   |
| " " Phthisis                                   | - | -            | 162        | 130         | 177         | 169         | 131        | 138         | 145         | 129         | 162         | 161        | 187         | 153         | 154         | -   |
| " " Dis. of Circula-<br>tory System }          | - | -            | 125        | 113         | 139         | 139         | 160        | 125         | 113         | 133         | 142         | 166        | 160         | 179         | 143         | -   |
| Violent Deaths                                 | - | -            | 49         | 44          | 60          | 56          | 64         | 49          | 53          | 46          | 74          | 65         | 69          | 78          | 59          | -   |
| Inquest Cases                                  | - | -            | 116        | 104         | 122         | 132         | 148        | 105         | 122         | 113         | 165         | 156        | 146         | 155         | 127         | -   |
| Deaths in Public Institutions                  | - | -            | 368        | 308         | 380         | 385         | 386        | 317         | 373         | 316         | 380         | 366        | 436         | 413         | 381         | -   |
| TEMPERATURE OF THE AIR                         |   |              |            |             |             |             |            |             |             |             |             |            |             |             |             |     |
| Mean   | - | -            | 45·4       | 45·3        | 34·1        | 38·7        | 43·3       | 40·4        | 41·7        | 34·9        | 32·1        | 40·2       | 38·1        | 34·7        | 40·7        | -   |
| Mean of Highest readings                       | - | -            | 52·0       | 49·3        | 38·7        | 42·6        | 47·8       | 45·6        | 46·2        | 38·0        | 35·4        | 44·8       | 41·4        | 37·5        | 44·6        | -   |
| Mean of Lowest readings                        | - | -            | 39·3       | 41·9        | 29·4        | 33·6        | 38·5       | 35·4        | 36·3        | 31·1        | 28·0        | 35·4       | 34·3        | 30·7        | 36·8        | -   |
| Humidity of the Air                            | - | -            | 85         | 91          | 88          | 91          | 87         | 84          | 88          | 89          | 79          | 88         | 97          | 86          | 83          | -   |
| Rain-fall in inches                            | - | -            | 1·82       | 0·99        | 0·53        | 0·31        | 0·48       | 0·47        | 0·81        | 0·17        | 0·02        | 0·40       | 0·02        | 0·21        | 0·10        | -   |
| Registered Sunshine (in hours)                 | - | -            | 25·5       | 6·4         | 11·0        | 0·2         | 7·4        | 2·9         | 5·8         | 1·9         | 6·2         | 4·1        | 0·0         | 2·5         | 3·0         | -   |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTH Week of the Year 1888.

| CAUSES OF DEATH.                           | Corrected Averages for the 4th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 23rd January 1888. |           |      |       |                  |                  |                  |                       |   | CAUSES OF DEATH. | Corrected Averages for the 4th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 23rd January 1888. |           |      |       |                  |                  |                  |                       |  |
|--|--|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|------------------|--|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|
|  |  | Deaths of Persons of the Ages                   |           |      |       |                  |                  |                  |                       |   |                  |  | Deaths of Persons of the Ages                   |           |      |       |                  |                  |                  |                       |  |
|  |  | ALL AGES.                                       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |                  |  | ALL AGES.                                       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |
|  |  |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |                  |  |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |
| ALL CAUSES - -                             | 1993.3   | 1816  | 394       | 353  | 102   | 215              | 304              | 336              | 82                    | Diseases of Organs of Special Sense † - -                 | 1.6              | 1  | -   | -         | 1    | -     | -                | -                | -                | -                     |  |
| Small-pox { Vaccinated † - -               | 20.1   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - -                      | 142.7            | 143  | 3   | 3         | 4    | 20    | 45               | 61               | 7                |                       |  |
| Unvaccinated - - -                         |  | -   | -         | -    | -     | -                | -                | -                | -                     | Croup - - -   | 15.3             | 16   | -   | 13        | 3    | -     | -                | -                | -                |                       |  |
| No Statement - - -                         | -  | -   | -         | -    | -     | -                | -                | -                | -                     | Bronchitis - - -  | 33.5             | 332  | 57  | 66        | 4    | 10    | 51               | 114              | 30               |                       |  |
| Measles - - -                              | 39.7   | 16  | 6         | 9    | 1     | -                | -                | -                | -                     | Pneumonia - - -   | 113.1            | 129  | 24  | 35        | 9    | 15    | 26               | 18               | 1                |                       |  |
| Scarlet Fever - - -                        | 37.5   | 29  | 2         | 15   | 11    | 1                | -                | -                | -                     | Pleurisy - - -  | 5.9              | 6  | 1   | 1         | 1    | -     | 1                | 1                | 1                |                       |  |
| Typhus - - -                               | 1.6  | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - -                | 55.3             | 51   | 6   | 11        | 3    | 5     | 15               | 7                | 2                |                       |  |
| Relapsing Fever † - -                      | 0.0  | -   | -         | -    | -     | -                | -                | -                | -                     | Dentition † - - -   | 17.8             | 11   | 7   | 4         | -    | -     | -                | -                | -                |                       |  |
| Influenza - - -                            | 0.3  | -   | -         | -    | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † - -                                 | 1.2              | -  | -   | -         | -    | -     | -                | -                | -                |                       |  |
| Whooping-cough - -                         | 100.9  | 168   | 64        | 95   | 9     | -                | -                | -                | -                     | Enteritis - - -   | 8.0              | 4  | 1   | 1         | -    | 2     | -                | -                | -                |                       |  |
| Diphtheria - - -                           | 14.7   | 29  | -         | 21   | 8     | -                | -                | -                | -                     | Peritonitis - - -   | 7.5              | 7  | 1   | 1         | -    | 3     | 1                | 1                | -                |                       |  |
| Simple Continued and Ill-defined Fever - - | 2.7  | 1   | -         | 1    | -     | -                | -                | -                | -                     | Diseases of Liver - - -                                   | 30.3             | 28   | 1   | -         | -    | 2     | 12               | 10               | 3                |                       |  |
| Enteric Fever - - -                        | 16.4   | 13  | -         | 1    | 7     | 4                | 1                | -                | -                     | Other Diseases of Digestive System - - -                  | 31.6             | 30   | 7   | 2         | -    | 8     | 7                | 6                | -                |                       |  |
| Cholera - - -                              | 0.0  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - - | 1.4              | 5  | 1   | 1         | -    | 2     | 1                | -                | -                |                       |  |
| Diarrhoea, Dysentery -                     | 14.6   | 11  | 5         | 2    | -     | 1                | 2                | 1                | -                     | Diseases of Urinary System - - -                          | 37.3             | 39   | 1   | 2         | 2    | 10    | 10               | 13               | 1                |                       |  |
| Remittent Fever † - -                      | 0.2  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System                             | 6.3              | 10   | -   | -         | -    | 3     | 5                | 2                | -                |                       |  |
| Hydrophobia - - -                          | 0.8  | -   | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth - -                               | 5.8              | 1  | -   | -         | -    | 1     | -                | -                | -                |                       |  |
| Glanders - - -                             | 0.0  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Locomotive System † - - -                     | 10.9             | 4  | -   | -         | 1    | -     | -                | 3                | -                |                       |  |
| Cowpox and Effects of Vaccination † - -    | 0.0  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Integumentary System - - -                    | 7.3              | 9  | 1   | -         | 1    | 1     | 2                | 4                | -                |                       |  |
| Venerical Affections -                     | 11.7   | 13  | 11        | 1    | -     | 1                | -                | -                | -                     | VIOLENT DEATHS.‡  |                  |  |   |           |      |       |                  |                  |                  |                       |  |
| Erysipelas - - -                           | 7.4  | 6   | 3         | -    | -     | 2                | 1                | -                | -                     | ACCIDENT.)  |                  |  |   |           |      |       |                  |                  |                  |                       |  |
| Pyæmia and Septicæmia †                    | 3.3  | 7   | 1         | -    | -     | 3                | 3                | -                | -                     | Fracture and Contusion - -                                | 19.7             | 18   | -   | 2         | -    | 4     | 5                | 5                | 2                |                       |  |
| Puerperal Fever - -                        | 8.4  | 14  | -         | -    | -     | 14               | 3                | -                | -                     | Gunshot Wound - - -                                       | 0.0              | -  | -   | -         | -    | -     | -                | -                | -                |                       |  |
| Other Zymotic Diseases †                   | 2.3  | -   | -         | -    | -     | -                | -                | -                | -                     | Cut. Stab - - -   | 0.2              | -  | -   | -         | -    | -     | -                | -                | -                |                       |  |
| Thrush - - -                               | 2.4  | -   | -         | -    | -     | -                | -                | -                | -                     | Burn and Scald - - -                                      | 10.4             | 15   | 1   | 6         | 3    | 1     | 3                | 1                | -                |                       |  |
| Worms and other Parasitical Diseases - -   | 0.8  | -   | -         | -    | -     | -                | -                | -                | -                     | Poison - - -  | 1.1              | -  | -   | -         | -    | -     | -                | -                | -                |                       |  |
| Starvation, Want of Breast-milk † - -      | 1.9  | -   | -         | -    | -     | -                | -                | -                | -                     | Drowning - - -  | 4.3              | 4  | 1   | -         | -    | 3     | -                | -                | -                |                       |  |
| Alcoholism - - -                           | 3.4  | 4   | -         | -    | -     | 1                | 2                | 1                | -                     | Suffocation - - -   | 17.8             | 15   | 14  | -         | 1    | -     | -                | -                | -                |                       |  |
| Rheumatic Fever and Rheumatism of Heart    | 13.1   | 13  | -         | -    | 5     | 5                | 2                | 1                | -                     | Otherwise - - -   | 3.9              | 3  | 1   | -         | 1    | -     | 1                | -                | -                |                       |  |
| Rheumatism - - -                           |  | 4   | -         | -    | -     | 1                | 2                | 1                | -                     | (HOMICIDE.)   |                  |  |   |           |      |       |                  |                  |                  |                       |  |
| Gout - - -                                 | 4.3  | 3   | -         | -    | -     | -                | 3                | -                | -                     | Murder & Manslaughter                                     | 1.6              | 1  | -   | -         | -    | 1     | -                | -                | -                |                       |  |
| Rickets † - - -                            | 4.1  | 3   | 2         | 1    | -     | -                | -                | -                | -                     | (SUICIDE.)  |                  |  |   |           |      |       |                  |                  |                  |                       |  |
| Cancer - - -                               | 51.8   | 44  | -         | -    | 1     | 5                | 25               | 13               | -                     | Gunshot Wound - - -                                       | 0.4              | -  | -   | -         | -    | -     | -                | -                | -                |                       |  |
| Tubes Mesenterica - -                      | 23.7   | 11  | 2         | 7    | 1     | 1                | -                | -                | -                     | Cut. Stab - - -   | 1.0              | 1  | -   | -         | -    | -     | -                | 1                | -                |                       |  |
| Tubercular Meningitis -                    | 30.1   | 24  | 6         | 12   | 5     | -                | 1                | -                | -                     | Poison - - -  | 0.8              | 2  | -   | -         | 1    | 1     | -                | -                | -                |                       |  |
| Phthisis - - -                             | 191.8  | 154   | 2         | 9    | 9     | 70               | 54               | 10               | -                     | Drowning - - -  | 0.9              | -  | -   | -         | -    | -     | -                | -                | -                |                       |  |
| Scrofula, Tuberculosis -                   | 13.8   | 13  | 3         | 6    | 1     | 2                | 1                | -                | -                     | Hanging - - -   | 1.2              | -  | -   | -         | -    | -     | -                | -                | -                |                       |  |
| Other Constitutional Diseases † - -        | 12.9   | 16  | 2         | 1    | 4     | 2                | 2                | 5                | -                     | Otherwise - - -   | 0.1              | -  | -   | -         | -    | -     | -                | -                | -                |                       |  |
| Premature Birth - - -                      | 38.9   | 38  | 33        | -    | -     | -                | -                | -                | -                     | (EXECUTION.)  |                  |  |   |           |      |       |                  |                  |                  |                       |  |
| Atelectasis † - - -                        | 1.9  | 4   | 4         | -    | -     | -                | -                | -                | -                     | Hanging - - -   | 0.0              | -  | -   | -         | -    | -     | -                | -                | -                |                       |  |
| Congenital Malformations - -               | 7.5  | 6   | 6         | -    | -     | -                | -                | -                | -                     | OTHER CAUSES † - -  | 68.7             | 61   | 44  | 2         | -    | 1     | -                | 3                | 1                |                       |  |
| Old Age - - -                              | 73.1   | 51  | -         | -    | -     | -                | 1                | 23               | 24                    |   |                  |  |   |           |      |       |                  |                  |                  |                       |  |
| Apoplexy - - -                             | 53.7   | 40  | -         | 2    | -     | 2                | 11               | 20               | 5                     |   |                  |  |   |           |      |       |                  |                  |                  |                       |  |
| Epilepsy - - -                             | 7.5  | 9   | 1         | 1    | 2     | 1                | 2                | 2                | -                     |   |                  |  |   |           |      |       |                  |                  |                  |                       |  |
| Convulsions - - -                          | 53.4   | 60  | 48        | 12   | -     | -                | -                | -                | -                     |   |                  |  |   |           |      |       |                  |                  |                  |                       |  |
| Other Diseases of Brain and Nervous System | 102.0  | 76  | 14        | 7    | 5     | 9                | 9                | 29               | 3                     |   |                  |  |   |           |      |       |                  |                  |                  |                       |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.044 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence as to inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| The DEATHS registered in the Week include                                   |   |   |   |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
|---|---|---|---|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during<br>the<br>Week. | Total<br>Deaths<br>during<br>the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
|   |   |   |   | Infants under 1<br>Year of Age. | Persons aged 10<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unclassified Causes<br>of Death. |
| LONDON . . . . .  | 3,815,701   | 2715                                      | 1816                                      | 394                             | 448                                 | -          | 16       | 29             | 29          | 168             | -       | 13                             | 1                            | 11         | 59        | 127            | 381                               | 13                               |
| WEST DISTRICTS . . . . .  | 669,883   | 415                                       | 330                                       | 72                              | 74                                  | -          | 1        | 3              | 12          | 30              | -       | 2                              | 1                            | 1          | 15        | 22             | 80                                | 2                                |
| NORTH DISTRICTS . . . . .   | 905,947   | 597                                       | 370                                       | 81                              | 100                                 | -          | 9        | 10             | 5           | 32              | -       | 4                              | -                            | 3          | 7         | 25             | 62                                | -                                |
| CENTRAL DISTRICTS . . . . .   | 282,238   | 157                                       | 119                                       | 16                              | 29                                  | -          | 1        | 2              | 3           | 11              | -       | -                              | -                            | -          | 8         | 13             | 27                                | -                                |
| EAST DISTRICTS . . . . .  | 692,738   | 527                                       | 370                                       | 77                              | 84                                  | -          | 2        | 5              | 3           | 43              | -       | 1                              | -                            | 2          | 11        | 40             | 107                               | 3                                |
| SOUTH DISTRICTS . . . . .   | 1,265,148   | 1019                                      | 627                                       | 148                             | 161                                 | -          | 3        | 9              | 6           | 52              | -       | 6                              | -                            | 5          | 18        | 27             | 105                               | 7                                |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -   | -   | -   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| WEST DISTRICTS.   |   |   |   |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
| St. Mary Paddington WHH G.J. & W.M.   | 69888   | 41  | 45  | 10                              | 13                                  | -          | -        | -              | -           | 5               | 1       | -                              | -                            | -          | 2         | 3              | 7                                 | -                                |
| St. John Paddington H - - G.J.  | 37330   | 14  | 19  | 3                               | 2                                   | -          | -        | -              | -           | 2               | 3       | -                              | -                            | -          | 2         | 2              | 8                                 | -                                |
| Kensington Town Ww - - W.M.   | 120141  | 64  | 58  | 14                              | 20                                  | -          | 1        | -              | 2           | 3               | -       | -                              | -                            | -          | 1         | 3              | 18                                | -                                |
| Brompton H - - W.M. & C.  | 43010   | 18  | 6   | -                               | -                                   | -          | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. Peter Hammersmith - - W.M.  | 7399  | 2   | 3   | 1                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. Paul Hammersmith H W.M. & G.J.  | 64340   | 50  | 38  | 8                               | 8                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 4         | 4              | 1                                 | -                                |
| Fulham Ww - - W.M. & C.   | 42900   | 67  | 39  | 11                              | 8                                   | -          | -        | 1              | -           | 4               | -       | -                              | -                            | -          | 2         | 6              | 9                                 | -                                |
| Chelsea South HHH - - C.  | 30396   | 19  | 18  | 6                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                                |
| Chelsea North-west WHHHH - C.   | 24925   | 25  | 15  | 5                               | 2                                   | -          | -        | -              | 1           | -               | -       | -                              | 1                            | -          | 1         | 7              | -                                 | -                                |
| Chelsea North-east - - C.   | 32807   | 22  | 8   | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| May Fair WW - - G.J.  | 20333   | 8   | 8   | -                               | 3                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 4                                 | -                                |
| Belgrave WHHH - - C.  | 59220   | 31  | 34  | 5                               | 4                                   | -          | -        | 2              | 3           | -               | -       | -                              | -                            | 1          | 2         | 2              | 16                                | -                                |
| St. John Westminster HHH - C.   | 35496   | 20  | 15  | 4                               | 2                                   | -          | -        | 1              | 1           | 1               | -       | -                              | -                            | -          | 1         | 1              | 4                                 | 1                                |
| St. Margaret Westminster H - C.   | 24879   | 11  | 5   | -                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. James Westminster WHH N.R. & G.J.                                       | 29941   | 13  | 16  | 4                               | 4                                   | -          | -        | -              | -           | 1               | -       | 1                              | -                            | -          | -         | -              | 3                                 | 1                                |
| St. Anne Soho HHHHHH - N.R.   | 18608   | 10  | 3   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| NORTH DISTRICTS.  |   |   |   |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
| All Souls Marylebone HHHH - W.M.  | 26789   | 9   | 20  | 4                               | 2                                   | -          | -        | -              | 1           | -               | 2       | -                              | 2                            | -          | 1         | 2              | 6                                 | -                                |
| Cavendish Square HHHH - W.M.  | 14381   | 3   | 3   | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 5                                 | -                                |
| Rectory Marylebone WH G.J. & W.M.   | 24809   | 14  | 16  | 4                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | -                                 | -                                |
| St. Mary Maryleb. HHH G.J. & W.M.   | 21118   | 27  | 5   | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                                |
| Christchurch Marylebone H - W.M.  | 33700   | 18  | 18  | 2                               | 8                                   | -          | -        | -              | 1           | 2               | -       | -                              | -                            | -          | 2         | -              | -                                 | -                                |
| St. John Marylebone H - W.M.  | 33638   | 17  | 6   | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | -                                 | -                                |
| Hampstead WwvHHHH N.R. & W.M.   | 45452   | 22  | 17  | 3                               | 6                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 1                                 | -                                |
| Regent's Park Pancras H - W.M.  | 39115   | 22  | 7   | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1                                 | -                                |
| Tottenham-court WHHHH N.R. & W.M.   | 27729   | 13  | 7   | 3                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 3              | -                                 | -                                |
| Gray's Inn Lane HHH - N.R.  | 30247   | 31  | 11  | 3                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                                |
| Somers Town H - N.R.  | 34369   | 14  | 8   | -                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 | -                                |
| Camden Town WH - N.R.   | 17311   | 12  | 10  | -                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 8                                 | -                                |
| Kentish Town W - N.R.   | 87487   | 67  | 38  | 8                               | 6                                   | -          | 1        | -              | -           | 4               | 1       | 1                              | -                            | 1          | -         | 3              | 5                                 | -                                |
| Upper Holloway WwvH - N.R.  | 67946   | 58  | 47  | 8                               | 13                                  | -          | 5        | 1              | -           | 6               | -       | -                              | 1                            | -          | -         | -              | 16                                | -                                |
| Islington South-west HH - N.R.  | 100676  | 66  | 33  | 11                              | 5                                   | -          | 1        | -              | -           | 5               | -       | 1                              | -                            | -          | -         | -              | -                                 | -                                |
| Islington South-east - - N.R.   | 161895  | 39  | 17  | 2                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 | -                                |
| Highbury H - N.R.   | 52048   | 34  | 19  | 6                               | 3                                   | -          | -        | -              | 1           | 7               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                                |
| Stoke Newington H - N.R.  | 22781   | 19  | 7   | 1                               | 1                                   | -          | -        | 1              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| Stamford Hill - E.L.  | 9277  | 3   | 9   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1                                 | -                                |
| West Hackney - N.R.   | 37610   | 23  | 18  | 7                               | 6                                   | -          | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| Hackney WwvH - E.L. & N.R.  | 76911   | 60  | 50  | 10                              | 18                                  | -          | 1        | 7              | -           | 3               | -       | -                              | -                            | -          | -         | 1              | 3                                 | 14                               |
| South Hackney - E.L.  | 39485   | 20  | 10  | 1                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| CENTRAL DISTRICTS.  |   |   |   |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
| St. George Bloomsbury - N.R.  | 16881   | 5   | 6   | 4                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. Giles South WH - N.R.   | 14864   | 5   | 8   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                                |
| St. Giles North - N.R.  | 18837   | 4   | 3   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508   | 2   | 8   | -                               | 1                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 4                                 | -                                |
| St. Mary-le-Strand H - N.R.   | 7515  | 3   | 5   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. Clement Danes H - N.R.  | 8559  | 4   | 12  | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | 7                                 | -                                |
| Strand Union Workhouse, Edmonton w.   | -   | -   | 3   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                                |
| St. Geo.-the-Martyr HHHHHH N.R.   | 18671   | 16  | 5   | -                               | 2                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                                |
| St. Andrew Eastern W - N.R.   | 10706   | 4   | 3   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| Saffron Hill H - N.R.   | 6533  | 5   | 1   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. James Clerkenwell - N.R.  | 17516   | 11  | 9   | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. James Clerkenwell - N.R.  | 19281   | 16  | 4   | 1                               | 1                                   | -          | -        | 2              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| Amwell Clerkenwell - N.R.   | 14773   | 14  | 5   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                                |
| Pentonville - N.R.  | 17506   | 13  | 8   | 2                               | 3                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| Goodwell-street - N.R.  | 11541   | 16  | 8   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                                |
| Old-street H - N.R.   | 18628   | 13  | 9   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                                |
| City-road HHL - N.R.  | 9217  | 6   | 2   | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| Whitecross-street - N.R.  | 7493  | 2   | 4   | 1                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| Finsbury - N.R.   | -   | -   | 1   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                                |
| Holborn Union Workhouse, Mitcham. w.  | -   | -   | -   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. Botolph H - N.R. & E.L.   | 11174   | 7   | 6   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 4         | 4              | -                                 | -                                |
| Cripplegate - N.R.  | 7193  | 3   | -   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| St. Sepulchre H - N.R.  | 5358  | 2   | 8   | 2                               | -                                   | -          | -        | -              | 2           | 2               | -       | -                              | -                            | -          | 2         | 2              | 6                                 | -                                |
| St. Bride W - N.R.  | 8396  | 9   | 1   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| Alhambra Barking - N.R.   | 13666   | 3   | 2   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |
| Broad Street H - N.R.   | 5629  | -   | -   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                                |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London; and K. the Kent Company.

The DEATHS registered in the Week include

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by \*:-

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-  
ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,  
Edmonton, and West Ham sub-districts outside Registration London.

\* Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 28th January, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                   |             |          |                |             |                 |        |            |           |                |                                   |                                 |
|---|----------------------------------|--|--|---------|---------|---|-----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|---------------------------------|
|   |                                  |  |  |         |         | Deaths of                                 |                                   | Deaths from |          |                |             |                 |        |            |           |                |                                   |                                 |
|   |                                  |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwds. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957                                      | 811     | 482     | 104                                       | 116                               | -           | 5        | 2              | 15          | 74              | 5      | 4          | 12        | 22             | 38                                | 9                               |
| 30 : 1  | Carshalton <i>wL</i> -           | 12228  | 21118  | 11      | 6       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 | -                               |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710  | 9       | 8       | 1   | 4                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 6                                 | -                               |
| 37 : 1  | Godstone (part of)* -            | 2754   | 1235   | -       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 38 : 1  | Croydon <i>WwHHL</i> -           | 20851  | 101241                                       | 64      | 35      | 4   | 8                                 | -           | -        | -              | 2           | -               | 3      | -          | -         | 2              | 2                                 | -                               |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17932  | 12      | 11      | 3   | 3                                 | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | -                                 | -                               |
| 39 : 1  | Wimbledon <i>HHH</i> -           | 3220   | 15950  | 11      | 4       | 2   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Kingston <i>WHH</i> -            | 8549   | 56354  | 25      | 8       | 3   | 3                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 | -                               |
| 3   | Esher (part of)* -               | 6601   | 9221   | 6       | 5       | 3   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 4   | Hampton <i>H</i> -               | 4573   | 13539  | 8       | 3       | 1   | 1                                 | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 | -                               |
| 40 : 1  | Richmond <i>WH</i> -             | 2272   | 21302  | 10      | 12      | 5   | 5                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 2                                 | -                               |
| 2   | Mortlake -                       | 2941   | 12331  | 7       | 5       | 2   | -                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 41 : 1  | Bromley (pt. of)* <i>HH</i>      | 15669  | 31142  | 35      | 11      | 2   | 5                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844  | 15      | 8       | 2   | 3                                 | -           | -        | -              | -           | 2               | -      | 1          | -         | -              | 1                                 | -                               |
| 42 : 1  | Bexley <i>H</i> -                | 13437  | 24134  | 17      | 9       | 1   | 4                                 | -           | 1        | -              | -           | -               | -      | -          | 1         | 2              | 1                                 | -                               |
| 124 : 1   | Sunbury <i>w</i> -               | 11055  | 11685  | 4       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Staines <i>W</i> -               | 13277  | 12089  | 2       | 4       | 1   | -                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 125 : 1   | Hillingdon <i>WHH</i> -          | 6029   | 10802  | 7       | 3       | 1   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Uxbridge -                       | 6175   | 5225   | 3       | 3       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | 2              | -                                 | -                               |
| 3   | Hayes <i>wHL</i> -               | 14587  | 11523  | 11      | 4       | 1   | 1                                 | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 126 : 1   | Isleworth <i>WHH</i> -           | 7008   | 22727  | 13      | 14      | 4   | 7                                 | -           | -        | -              | -           | -               | -      | -          | 2         | 2              | 5                                 | -                               |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479  | 10      | 5       | 1   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Brentford <i>HL</i> -            | 4845   | 27649  | 15      | 11      | 2   | 2                                 | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | -                               |
| 4   | Chiswick -                       | 1340   | 15975  | 12      | 12      | 1   | 5                                 | -           | -        | -              | 1           | -               | -      | -          | -         | 1              | -                                 | -                               |
| 5   | Acton <i>wH</i> -                | 6083   | 22376  | 12      | 8       | 2   | 3                                 | -           | -        | -              | -           | 2               | -      | -          | -         | -              | 1                                 | -                               |
| 127 : 1   | Harrow <i>H</i> -                | 13809  | 12796  | 7       | 3       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Edgware <i>H</i> -               | 6994   | 3749   | 4       | 1       | -   | -                                 | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Willesden -                      | 4383   | 27453  | 23      | 21      | 8   | 4                                 | -           | 2        | -              | -           | 2               | -      | -          | -         | 1              | -                                 | -                               |
| 4   | Hendon <i>W</i> -                | 8382   | 10484  | 10      | 6       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4                                 | -                               |
| 128 : 1   | South Mimms -                    | 15599  | 6391   | 1       | 2       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Barnet -                         | 5433   | 10092  | 14      | 4       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Finchley <i>HL</i> -             | 4688   | 17615  | 8       | 5       | 1   | 1                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 1                                 | -                               |
| 129 : 1   | Hornsey <i>H</i> -               | 3039   | 37078  | 33      | 14      | 4   | 8                                 | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456  | 60      | 47      | 11  | 5                                 | -           | -        | -              | 1           | 16              | -      | -          | 3         | 4              | 3                                 | 2                               |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23483  | 25      | 18      | 8   | -                                 | -           | -        | 1              | 1           | 7               | -      | -          | -         | -              | -                                 | 1                               |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104  | 36      | 11      | -   | 2                                 | -           | -        | 1              | 2           | 2               | -      | -          | -         | -              | -                                 | -                               |
| 5   | Waltham Abbey -                  | 11017  | 5368   | 3       | 1       | -   | -                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 6   | Cheshunt -                       | 8480   | 7735   | 7       | 1       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 135 : 1   | Hatfield (part of)* -            | 3806   | 583  | -       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 137 : 1   | Bushey -                         | 9331   | 6621   | 3       | 1       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 136 : 1   | Stratford -                      | 892  | 38006  | 33      | 23      | 2   | 5                                 | -           | -        | -              | -           | 5               | 1      | -          | -         | 1              | -                                 | 1                               |
| 2   | West Ham <i>wowwH†</i> -         | 7351   | 101053                                       | 122     | 74      | 18  | 11                                | -           | 1        | -              | 1           | 17              | 1      | -          | 5         | 6              | -                                 | 3                               |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430  | 33      | 80      | 6   | 5                                 | -           | -        | -              | -           | 8               | -      | 1          | -         | -              | 6                                 | -                               |
| 4   | Walthamstow <i>H</i> -           | 6520   | 28869  | 40      | 18      | 1   | 4                                 | -           | -        | -              | 5           | -               | -      | -          | -         | -              | -                                 | -                               |
| 137 : 1   | Chigwell (part of)* <i>H</i>     | 11761  | 9693   | 2       | 1       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 139 : 1   | Romford (part of)* -             | 6730   | 3411   | -       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Ilford -                         | 8493   | 7645   | 3       | 7       | -   | 4                                 | -           | -        | -              | 1           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Barking Town -                   | 4127   | 9203   | 9       | 5       | 1   | -                                 | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | 2                               |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30 : 2, Epsom sub-district, except the parishes of Asenstead and Hleadley (pop. 1265); 37 : 1, the parishes of Warrington and Farley in Godstone sub-district; 39 : 3, Esher sub-district, except the parish of Esher (pop. 1993); 41 : 1, Bromley sub-district, except the parishes of Orpington and Knockholt (pop. 1813); 41 : 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135 : 1, the parish of Norton in Hatfield sub-district; 137 : 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139 : 1, the parish of Dagenham in Romford sub-district.  
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 28th January, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include   |  |             |          |                   |             |                     |        |            |           |     |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                   |  | Deaths from |          |                   |             |                     |        |            |           |     | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of<br>Age. | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 21·7  | 3·5                                   | 2298                             | 498   | 564  | -           | 21       | 31                | 44          | 242                 | 19     | 15         | 71        | 419 |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 22·1  | 3·3                                   | 1816                             | 394   | 448  | -           | 16       | 29                | 29          | 168                 | 14     | 11         | 59        | 381 |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 20·2  | 4·4                                   | 482                              | 104   | 116  | -           | 5        | 2                 | 15          | 74                  | 5      | 4          | 12        | 38  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,207,780 Persons.

| CITIES.                  | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of | DEATHS. Stillborn. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|--------------------------|---------------------------------------|-----------------------------|----------------------|--------------------|------------------------------------|---|
| CALCUTTA - -             | 433,219                               | December 17                 | -                    | 229                | 27·5                               | Fevers 62; cholera 20.                                |
|                          |                                       | " 24                        | -                    | 257                | 30·9                               | Fevers 86; cholera 16.                                |
| BOMBAY - -               | 773,196                               | January 3                   | 318                  | 374                | 22·5                               | Fevers 100; small-pox 5.                              |
| MADRAS - -               | 398,777                               | December 23                 | -                    | -                  | -                                  | -   |
| PARIS - - -              | 2,260,945                             | January 21                  | 1233                 | 1167               | 27·1                               | Typ. fever 37; sm.-pox 6; diph. & cp. 39; meas. 14.   |
| BRUSSELS - -             | 450,708                               | " 21                        | 269                  | 182                | 20·9                               | Diphtheria 2; croup 5.                                |
| AMSTERDAM -              | 378,969                               | " 21                        | 287                  | 201                | 26·9                               | Diphtheria 3; croup 6; whooping-cough 6.              |
| ROTTERDAM -              | 193,660                               | " 21                        | 147                  | 83                 | 21·8                               | -   |
| THE HAGUE -              | 149,410                               | " 21                        | 106                  | 68                 | 23·7                               | -   |
| COPENHAGEN -             | 300,000                               | " 17                        | 213                  | 149                | 25·9                               | Measles 4; scar. fev. 5; diph. 7; typh. fev. 2.       |
| STOCKHOLM -              | 216,807                               | " 14                        | 136                  | 87                 | 20·9                               | Scarlet fever 2; diph. & croup 3; typh. fev. 2.       |
| CHRISTIANIA -            | 184,000                               | " 21                        | 74                   | 68                 | 26·4                               | Measles 20; diph. and croup 19; scar. fev. 2.         |
| ST. PETERSBURG (5 days). | 928,016                               | " 12                        | -                    | 365                | 28·7                               | Typh. and typh. fev. 12; scar. fev. 8; diar. dis. 55. |
| BERLIN - -               | 1,413,603                             | " 7                         | 934                  | 612                | 22·6                               | Diph. 22; whooping-cough 10; typ. & typh. fev. 6.     |
| HAMBURG (State)          | 529,091                               | " 14                        | 342                  | 310                | 30·6                               | Typh. and typh. fev. 19; dip. & crp. 8; scar. fev. 4. |
| DRESDEN - -              | 259,142                               | " 7                         | 175                  | 109                | 21·9                               | Diphtheria and croup 6; measles 2.                    |
| BRESLAU - -              | 308,105                               | " 14                        | 215                  | 192                | 32·9                               | Diphtheria 11; diarrhoeal diseases 11.                |
| MUNICH - -               | 275,000                               | " 14                        | 179                  | 146                | 27·6                               | Diphtheria and croup 5; diarrhoeal diseases 9.        |
| VIENNA - -               | 800,836                               | " 14                        | 479                  | 380                | 24·7                               | Small-pox 3; measles 7; scar. fev. 3; diph. 4.        |
| PRAGUE - -               | 295,857                               | " 21                        | -                    | 198                | 34·9                               | Sm.-pox 16; scar. fev. 3; diph. 5; typ. fev. 3.       |
| BUDA-PESTH -             | 442,787                               | " 14                        | 272                  | 252                | 29·5                               | Diph. 5; typ. & typh. fever 2; measles 5.             |
| TRIESTE - -              | 156,042                               | " 14                        | -                    | 117                | 39·0                               | Small-pox 8; diph. and croup 2.                       |
| ROME - -                 | 369,214                               | December 24                 | 282                  | 217                | 30·7                               | Small-pox 5; typhoid fever 3; diphtheria 3.           |
| TURIN (11 days)-         | 286,956                               | " 31                        | -                    | -                  | -                                  | -   |
| VENICE - -               | 148,380                               | January 14                  | 85                   | 87                 | 30·6                               | Measles 2; diarrhoeal diseases 9.                     |
| CAIRO - -                | 374,838                               | " 5                         | 430                  | 345                | 48·0                               | Typ. fev. 7; whooping-cough 5; diar. dis. 124.        |
| ALEXANDRIA -             | 231,396                               | " 5                         | 230                  | 153                | 34·5                               | Fevers 8; diarrhoeal diseases 35.                     |
| NEW YORK -               | 1,493,000                             | December 31                 | -                    | 710                | 24·8                               | Diph. 57; scar. fev. 19; meas. 10; tp. & tpd. fv. 6.  |
|                          |                                       | January 7                   | -                    | 723                | 25·3                               | Diph. 60; scar. fev. 35; typhus and typh. fev. 5.     |
| BROOKLYN -               | 774,670                               | December 31                 | -                    | 374                | 25·8                               | Diphtheria 39; croup 15; typhoid fever 6.             |
|                          |                                       | January 7                   | -                    | 360                | 24·2                               | Diphtheria 36; croup 12; scarlet fever 13.            |
| PHILADELPHIA -           | 993,801                               | " 7                         | -                    | 382                | 20·1                               | Diphtheria 19; croup 8; typh. fev. 12; sc. fev. 5.    |
| BALTIMORE -              | 437,155                               | " 7                         | -                    | 153                | 18·3                               | Diph. 5; croup 6; meas. 5.                            |



1888.

| DATE.                         | ELECTRICITY.<br>(For explanation of<br>symbols, see Note.)                 | Registered<br>Sunshine,<br>in hours. | Sum above<br>Horizon,<br>in hours.   |
|-------------------------------|--|--------------------------------------|--|
| <b>JANUARY.</b>               |  |                                      |  |
| <b>SUNDAY</b> . . . . . 22    | m. P. generally  | 0.0                                  | 8.6  |
|                               |  |                                      | Overcast; occasional slight misty rain.                                    |
| <b>MONDAY</b> . . . . . 23    | m. P. in morning<br>and evening; v. P. in<br>afternoon.                    | 0.1                                  | 8.6  |
|                               |  |                                      | Generally fine; haze and slight fog in afternoon;<br>hazy rain in evening. |
| <b>TUESDAY</b> . . . . . 24   | s. P. generally  | 0.0                                  | 8.7  |
|                               |  |                                      | Generally cloudy.  |
| <b>WEDNESDAY</b> . . . . . 25 | m. P. generally  | 1.9                                  | 8.7  |
|                               |  |                                      | Clouds variable in amount; generally fine.                                 |
| <b>THURSDAY</b> . . . . . 26  | w. P. and v. N. in<br>morning; m. P. after-<br>wards.                      | 0.0                                  | 8.8  |
|                               |  |                                      | Overcast with slight rain till afternoon; afterwards<br>fine. Strong wind. |
| <b>FRIDAY</b> . . . . . 27    | v. P. in morning;<br>m. P. and s. N. in<br>afternoon; m. P. in<br>evening. | 0.0                                  | 8.8  |
|                               |  |                                      | Fine till noon; afterwards overcast, with occa-<br>sional rain.            |
| <b>SATURDAY</b> . . . . . 28  | m. P. generally  | 1.0                                  | 8.9  |
|                               |  |                                      | Generally fine.  |
|                               |  | Sum<br>3.0                           | Sum<br>61.1  |
|                               |  | 29                                   | 30   |
|                               |  | 23                                   |  |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 5. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, FEBRUARY 4. [Price 1½d.

General Register Office, Somerset House,  
6th February, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·9 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |            | TOWNS.             | Weeks ending |             |             |            |
|--------------|--------------|-------------|-------------|------------|--------------------|--------------|-------------|-------------|------------|
|              | Jan.<br>14.  | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. |                    | Jan.<br>14.  | Jan.<br>21. | Jan.<br>23. | Feb.<br>4. |
| Birkenhead   | 17·7         | 20·9        | 25·5        | 18·2       | Liverpool -        | 21·0         | 21·6        | 21·1        | 18·4       |
| Birmingham   | 24·6         | 21·0        | 23·5        | 17·0       | London -           | 23·6         | 24·4        | 22·1        | 23·1       |
| Blackburn -  | 27·6         | 28·1        | 29·4        | 25·9       | Manchester -       | 34·9         | 26·8        | 31·9        | 27·3       |
| Bolton -     | 23·9         | 24·4        | 22·5        | 17·9       | Newcastle-on-Tyne* | 22·6         | 21·3        | 21·7        | 20·3       |
| Bradford* -  | 21·8         | 19·5        | 15·9        | 13·4       | Norwich -          | 22·8         | 20·6        | 29·0        | 24·5       |
| Brighton -   | 18·3         | 17·0        | 14·3        | 24·8       | Nottingham*        | 22·6         | 25·3        | 21·0        | 18·8       |
| Bristol -    | 24·4         | 18·2        | 27·0        | 21·9       | Oldham -           | 22·3         | 18·5        | 20·8        | 21·1       |
| Cardiff* -   | 21·1         | 23·1        | 22·1        | 21·6       | Plymouth -         | 28·2         | 25·5        | 22·8        | 32·2       |
| Derby -      | 17·9         | 20·1        | 15·2        | 22·2       | Portsmouth -       | 20·6         | 28·8        | 17·9        | 24·3       |
| Halifax -    | 18·9         | 24·7        | 20·2        | 20·8       | Preston -          | 25·8         | 18·7        | 27·8        | 31·8       |
| Huddersfield | 19·4         | 20·0        | 18·8        | 22·8       | Salford* -         | 21·0         | 21·7        | 19·6        | 19·4       |
| Hull -       | 18·3         | 18·1        | 20·6        | 18·1       | Sheffield -        | 25·3         | 25·0        | 26·4        | 22·1       |
| Leeds -      | 23·0         | 19·2        | 22·1        | 19·5       | Sunderland -       | 14·2         | 20·2        | 20·2        | 20·2       |
| Leicester* - | 15·3         | 19·2        | 21·7        | 21·3       | Wolverhampton -    | 28·7         | 23·6        | 31·3        | 25·5       |

The highest annual death-rates from *measles*, measured by last week's mortality, were 0·7 in Birmingham and 1·1 in Derby; from *scarlet fever*, 1·0 in Manchester, 1·5 in Oldham, 2·3 in Huddersfield, and 2·6 in Blackburn; from *whooping-cough*, 1·3 in Brighton, 1·6 in Salford and in Bristol, 2·2 in London, and 2·5 in Leicester; and from "fever," 0·9 in Nottingham and 1·6 in Derby. The 42 deaths from *diphtheria* in the twenty-eight towns included 29 in London, 3 in Birmingham, and 3 in Manchester. *Small-pox* caused 17 deaths in Sheffield, one in Bristol, and one in Leeds, but not one in London or in any of the twenty-four other large provincial towns.

## LONDON.

In LONDON† 2688 BIRTHS and 1894 DEATHS were registered. Allowing for increase of population, the births were 278, and the deaths 172, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 24·4 and 22·1 in the two preceding weeks, was last week 23·1. During the first five weeks of the current quarter the death-rate averaged 23·2 per 1000, and was 1·1 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1894 deaths included 18 from *measles*, 38 from *scarlet fever*, 29 from *diphtheria*, 177 from *whooping-cough*, 26 from *enteric fever*, 3 from ill-defined

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



forms of continued fever, 15 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 306 deaths were referred to these diseases, being 58 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 21. There were only 7 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last, and not one in the Highgate Small-pox Hospital. The deaths of two children, aged 16 and 19 months, were attributed to chicken-pox, the disease in one case being certified as "ulcerating varicella." The fatal cases of *measles*, which had been 25, 14, and 16 in the three preceding weeks, were last week 18, and 20 below the corrected average; 6 more deaths from this cause were registered in the Islington Workhouse Infirmary. The 38 deaths from *scarlet fever* showed an increase of 9 upon the number in the previous week, and exceeded the corrected average by 4; 3 belonged to Pancras, 2 to Islington, 2 to St. Giles, 3 to Bethnal Green, 3 to Newington, 3 to Lambeth, 7 to Wandsworth, and 5 to Camberwell sanitary areas. Of the 7 fatal cases of scarlet fever belonging to Wandsworth sanitary area, 5 occurred in the Metropolitan Asylum Hospitals, including 3 admitted from Gaskell Street, Larkhall Lane, and 2 from Stewart's Road. At the end of the week the Metropolitan Asylum Hospitals contained 1558 scarlet fever patients (there were also 92 in the London Fever Hospital), against numbers declining in the nine preceding weeks from 2602 to 1640; 96 cases were admitted to the Metropolitan Asylum Hospitals during last week, against 148, 122, and 133 in the three preceding weeks. The deaths from *diphtheria*, which had been 16, 22, and 29 in the three preceding weeks, were again 29 last week, and exceeded the corrected average by 12; 4 belonged to Paddington, 3 to Marylebone, 2 to St. Giles, 4 to Lambeth, and 2 to Wandsworth sanitary areas. The 177 fatal cases of *whooping-cough* showed a further increase upon the high numbers returned in recent weeks, and exceeded the corrected average by 73; 18 belonged to Islington, 6 to Clerkenwell, 5 to St. Luke's, 10 to Shoreditch, 18 to Bethnal Green, and 12 to Wandsworth sanitary areas. The 15 deaths attributed to *diarrhoea* and *dysentery* corresponded with the corrected average.

The deaths referred to *enteric fever*, which had declined in the four preceding weeks from 28 to 13, rose again last week to 26, and exceeded the corrected average by 12; 2 belonged to Paddington, 3 to Pancras, 2 to Islington, 3 to Bermondsey, 3 to Wandsworth, 3 to Camberwell, and 2 to Greenwich sanitary areas. The Metropolitan Asylum Hospitals contained 156 cases of enteric fever, and 2 of typhus, on Saturday last; 14 cases of enteric fever, but not one of typhus, were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 591 and 534 in the two preceding weeks, further declined last week to 516, and were 125 below the corrected average.

Different forms of violence caused 55 deaths; 48 were the result of negligence or accident, among which were 19 from fractures and contusions, 8 from burns and scalds, 1 from drowning, 2 from poison, and 14 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus returned:—8 by accidents from vehicles in the street, 2 by accidents on railway, 1 by fall down stairs, 1 by fall from chair, 1 by fall upon fender, 1 by fall from table, 1 by fall on barge, 1 by fall, the nature of which was not stated, 1 by blow from swing-boat, 1 by fall of bag of seed, and 1 by injury from machinery. An inquest was held in each of these 19 cases. Five cases of suicide were registered.

#### GREATHER LONDON.

In Greater London 3488 births and 2370 deaths were registered, corresponding to annual rates of 32·9 and 22·4 per 1000 of the population. In the Outer Ring 41 fatal cases of whooping-cough, and 10 of diphtheria, were registered. The deaths from whooping-cough included 16 in West Ham, and 14 in Tottenham districts; 4 deaths from diphtheria occurred in Enfield and 2 in Tottenham sub-districts. Three deaths from scarlet fever were returned in West Ham sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·78 in.; the lowest reading was 29·08 in. on Tuesday afternoon, and the highest 30·15 in. at the end of the week. The mean temperature of the *air* was 33°·7, and 6°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on each of the first six days of the week, whereas it showed an excess on Saturday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 12·7 miles per hour, which was 1·4 miles below the average in the corresponding weeks of 16 years. *Rain or melted snow* was measured on three days of the week, to the aggregate amount of 0·17 of an inch. The duration of registered bright sunshine in the week was 11·1 hours, against 12·6 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 4th February, 1888.

| CITIES<br>AND<br>BOROUGH. | Col. | Registered during<br>the week ending<br>4th Feb. 1888. |      | The Deaths registered in the Week include |  |                                    |  |    |    |          |     |                   |             | TEMPERATURE OF THE AIR. |                    |        |            | RAINFALL.     |             | CITIES<br>AND<br>BOROUGH. |           |                |                                      |                  |                     |                                 |
|---------------------------|------|--|------|---|--|------------------------------------|--|----|----|----------|-----|-------------------|-------------|-------------------------|--------------------|--------|------------|---------------|-------------|---------------------------|-----------|----------------|--------------------------------------|------------------|---------------------|---------------------------------|
|                           |      | 1.   | 2.   | Deaths of                                 |  | Deaths from                        |  |    |    |          |     |                   |             | Mean.                   |                    |        |            | In<br>Inches. | In<br>Cent. |                           |           |                |                                      |                  |                     |                                 |
|                           |      |  |      | 1 Year of<br>Age.                         | Persons aged<br>10 Years<br>and upwards. | Small-pox.                         |  |    |    | Measles. |     | Scarlet<br>Fever. | Diphtheria. |                         | Whooping<br>cough. | Fever. | Diarrhoea. |               |             |                           | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Causes of Death. | From All<br>Causes. | From<br>Diseases<br>Cols. 6-12. |
|                           |      |  |      |   |  | Infants under<br>1 Year of<br>Age. | Persons aged<br>10 Years<br>and upwards. | 6. | 7. | 8.       | 9.  | 10.               | 11.         | 12.                     | 13.                | 14.    | 15.        |               |             |                           | 16.       | 17.            | 18.                                  | 19.              | 20.                 | 21.                             |
| Col.                      |      | 1.   | 2.   | 3.  | 4.                                       | 5.                                 | 6.                                       | 7. | 8. | 9.       | 10. | 11.               | 12.         | 13.                     | 14.                | 15.    | 16.        | 17.           | 18.         | 19.                       | 20.       | 21.            | 22.                                  | 23.              | 24.                 | Col.                            |
| 28 TOWNS*                 | -    | 9,398,273  | 5739 | 3945                                      | 872                                      | 957                                | 19                                       | 35 | 75 | 42       | 248 | 52                | 35          | 111                     | 246                | 676    | 73         | 21.9          | 2.8         | 52.0                      | 16.0      | 34.3           | 1.28                                 | 0.33             | 0.84                | - 28 TOWNS.                     |
| LONDON*                   | -    | 4,282,021  | 2688 | 1894                                      | 418                                      | 488                                | -  | 18 | 38 | 29       | 177 | 20                | 15          | 55                      | 131                | 388    | 15         | 23.1          | 3.7         | 49.1                      | 18.4      | 33.7           | 0.94                                 | 0.17             | 0.43                | LONDON.                         |
| BRIGHTON                  | -    | 119,983  | 57   | 57  | 8  | 16                                 | -  | -  | -  | 1        | 3   | 1                 | -           | -                       | 2                  | 12     | 1          | 24.8          | 2.2         | 56.0                      | 23.0      | 33.7           | 0.94                                 | 0.07             | 0.18                | BRIGHTON.                       |
| PORTSMOUTH                | -    | 139,575  | 89   | 65  | 13                                       | 22                                 | -  | -  | -  | -        | 1   | -                 | -           | -                       | 3                  | 9      | 2          | 24.5          | 1.7         | -                         | -         | -              | -                                    | -                | -                   | PORTSMOUTH.                     |
| NORWICH                   | -    | 93,675   | 52   | 44  | 11                                       | 20                                 | -  | -  | -  | -        | 2   | -                 | -           | -                       | 1                  | 8      | 2          | 32.2          | 1.3         | 48.8                      | 24.4      | 34.5           | 1.39                                 | 0.23             | 0.58                | NORWICH.                        |
| PLYMOUTH                  | -    | 77,574   | 62   | 48  | 11                                       | 16                                 | -  | 1  | 1  | -        | 7   | 2                 | 2           | 5                       | 9                  | 21     | 1          | 21.9          | 2.8         | 50.5                      | 21.0      | 34.2           | 1.22                                 | 0.15             | 0.38                | PLYMOUTH.                       |
| BRISTOL                   | -    | 226,510  | 140  | 95  | 17                                       | 30                                 | 1  | -  | -  | -        | -   | -                 | -           | 2                       | 4                  | 7      | -          | 25.5          | 1.3         | 46.7                      | 19.0      | 31.1           | -0.50                                | 0.27             | 0.69                | BRISTOL.                        |
| WOLVERHAMPTON             | -    | 81,691   | 44   | 40  | 12                                       | 12                                 | -  | 1  | -  | 1        | -   | -                 | -           | 2                       | 4                  | 7      | -          | 17.0          | 1.7         | -                         | -         | -              | -                                    | -                | -                   | WOLVERHAMPTON.                  |
| BIRMINGHAM                | -    | 447,012  | 268  | 146                                       | 43                                       | 35                                 | -  | 6  | -  | 3        | 7   | 1                 | 1           | 2                       | 6                  | 18     | 2          | 21.3          | 2.8         | 50.4                      | 20.0      | 33.0           | 0.56                                 | 0.42             | 1.07                | BIRMINGHAM.                     |
| LEICESTER*                | -    | 146,790  | 88   | 60  | 18                                       | 14                                 | -  | -  | -  | -        | 5   | 4                 | -           | -                       | 6                  | 8      | 2          | 21.3          | 2.7         | 46.7                      | 18.0      | 32.3           | 0.17                                 | 0.21             | 0.53                | LEICESTER.                      |
| NOTTINGHAM*               | -    | 230,921  | 135  | 83  | 21                                       | 17                                 | -  | 3  | -  | -        | -   | -                 | -           | -                       | 6                  | 2      | 18.8       | 2.8           | 46.7        | 18.0                      | 32.3      | 0.17           | 0.21                                 | 0.53             | NOTTINGHAM.         |                                 |
| DERBY                     | -    | 56,241   | 45   | 41  | 7  | 11                                 | -  | 2  | 1  | 1        | 1   | 3                 | 1           | 1                       | 1                  | 9      | -          | 22.2          | 4.9         | -                         | -         | -              | -                                    | -                | -                   | DERBY.                          |
| BIRKENHEAD                | -    | 100,093  | 44   | 35  | 7  | 12                                 | -  | 1  | 1  | 1        | 7   | 3                 | 5           | 12                      | 13                 | 36     | 7          | 18.4          | 1.6         | -                         | -         | -              | -                                    | -                | -                   | BIRKENHEAD.                     |
| LIVERPOOL                 | -    | 569,738  | 332  | 212                                       | 38                                       | 49                                 | -  | -  | -  | -        | 1   | 1                 | -           | -                       | 2                  | 3      | 3          | 17.9          | 1.4         | 46.7                      | 31.3      | 38.2           | 3.44                                 | 0.46             | 1.17                | LIVERPOOL.                      |
| BOLTON                    | -    | 113,506  | 81   | 39  | 14                                       | 6                                  | -  | 1  | -  | -        | 1   | 1                 | -           | -                       | 2                  | 3      | 3          | 17.9          | 1.4         | -                         | -         | -              | -                                    | -                | -                   | BOLTON.                         |
| MANCHESTER                | -    | 378,164  | 272  | 108                                       | 38                                       | 51                                 | -  | 1  | 7  | 3        | 3   | 2                 | 2           | 2                       | 6                  | 48     | 8          | 27.3          | 2.5         | -                         | -         | -              | -                                    | -                | -                   | MANCHESTER.                     |
| SALFORD*                  | -    | 226,336  | 132  | 84  | 15                                       | 16                                 | -  | -  | -  | 2        | 7   | 1                 | -           | -                       | 2                  | 11     | 5          | 19.4          | 2.8         | -                         | -         | -              | -                                    | -                | -                   | SALFORD.                        |
| OLDHAM                    | -    | 188,920  | 85   | 56  | 11                                       | 14                                 | -  | -  | -  | 2        | -   | -                 | -           | -                       | 5                  | 3      | 21         | 2.3           | -           | -                         | -         | -              | -                                    | -                | -                   | OLDHAM.                         |
| BLACKBURN                 | -    | 119,039  | 83   | 59  | 14                                       | 3                                  | -  | -  | -  | -        | -   | -                 | -           | 3                       | 1                  | 3      | 4          | 25.9          | 3.9         | -                         | -         | -              | -                                    | -                | -                   | BLACKBURN.                      |
| PRESTON                   | -    | 103,234  | 79   | 63  | 18                                       | 17                                 | -  | -  | -  | -        | 2   | 1                 | -           | 1                       | 4                  | 9      | 2          | 31.8          | 2.0         | 45.0                      | 28.0      | 35.9           | 2.17                                 | 0.62             | 1.57                | PRESTON.                        |
| HUDDESFIELD               | -    | 91,419   | 47   | 40  | 8  | 10                                 | -  | -  | -  | -        | 1   | -                 | -           | -                       | -                  | 6      | -          | 22.8          | 2.9         | -                         | -         | -              | -                                    | -                | -                   | HUDDESFIELD.                    |
| HALIFAX                   | -    | 80,193   | 44   | 32  | 10                                       | 11                                 | -  | -  | -  | -        | 1   | -                 | -           | -                       | -                  | 2      | 1          | 20.8          | 0.7         | -                         | -         | -              | -                                    | -                | -                   | HALIFAX.                        |
| BRADFORD*                 | -    | 229,721  | 113  | 59  | 12                                       | 19                                 | -  | -  | -  | -        | 1   | -                 | -           | 1                       | 5                  | 6      | 5          | 13.4          | 0.7         | 47.0                      | 27.0      | 35.4           | 1.80                                 | 0.35             | 0.89                | BRADFORD.                       |
| LEEDS                     | -    | 351,210  | 190  | 131                                       | 29                                       | 29                                 | 1  | 2  | 3  | -        | 7   | -                 | -           | 3                       | 10                 | 7      | 1          | 19.5          | 1.9         | -                         | -         | -              | -                                    | -                | -                   | LEEDS.                          |
| SHEFFIELD                 | -    | 321,711  | 189  | 136                                       | 37                                       | 29                                 | 17                                       | 5  | -  | -        | 5   | -                 | -           | 1                       | 3                  | 5      | 22         | 22.1          | 4.5         | -                         | -         | -              | -                                    | -                | -                   | SHEFFIELD.                      |
| HULL                      | -    | 202,359  | 107  | 70  | 18                                       | 13                                 | -  | -  | -  | -        | -   | -                 | 3           | -                       | -                  | 10     | 2          | 18.1          | 1.0         | 50.0                      | 16.0      | 32.7           | 0.39                                 | 0.10             | 0.25                | HULL.                           |
| SUNDERLAND                | -    | 131,919  | 79   | 51  | 12                                       | 11                                 | -  | -  | -  | -        | 1   | 2                 | 1           | 2                       | 6                  | 8      | 3          | 20.2          | 1.6         | -                         | -         | -              | -                                    | -                | -                   | SUNDERLAND.                     |
| NEWCASTLE*                | -    | 159,003  | 116  | 62  | 13                                       | 8                                  | -  | -  | -  | -        | -   | -                 | -           | 7                       | 9                  | 3      | 3          | 20.3          | 0.3         | 52.0                      | 25.0      | 36.7           | 2.61                                 | 0.95             | 2.41                | NEWCASTLE.                      |
| CARDIFF                   | -    | 168,570  | 88   | 45  | 14                                       | 9                                  | -  | -  | -  | -        | 1   | -                 | -           | 1                       | 5                  | 5      | -          | 21.6          | 0.5         | -                         | -         | -              | -                                    | -                | -                   | CARDIFF.                        |
| EDINBURGH                 | -    | 263,733  | 141  | 98  | 22                                       | 21                                 | -  | 6  | 1  | -        | 1   | -                 | 4           | 2                       | ?                  | 7      | 31         | 19.5          | 2.4         | 50.0                      | 29.0      | 37.9           | 3.28                                 | 0.63             | 1.60                | EDINBURGH.                      |
| GLASGOW                   | -    | 526,088  | 336  | 264                                       | 46                                       | 53                                 | -  | -  | 6  | 6        | 17  | 1                 | 1           | 9                       | ?                  | 44     | 28         | 26.2          | 3.1         | 49.1                      | 20.9      | 38.1           | 3.30                                 | 0.43             | 1.09                | GLASGOW.                        |
| DUBLIN                    | -    | 355,982  | 230  | 202                                       | 44                                       | 41                                 | -  | 2  | 6  | -        | 10  | 4                 | 3           | 2                       | -                  | 61     | 27         | 29.9          | 3.7         | 50.7                      | 20.2      | 37.1           | 2.83                                 | 0.29             | 0.74                | DUBLIN.                         |

\* See note on first page of this Return.



*Births and Deaths registered last Week.***TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTH Weeks of Ten previous Years.**

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2560 | 2651 | 2684 | 2925 | 2775 | 2750 | 2587 | 2806 | 2800 | 2665 | 2966·4   | 2688 |
| Males . .           | 1319 | 1300 | 1360 | 1467 | 1388 | 1375 | 1306 | 1414 | 1438 | 1339 | 1494·6   | 1371 |
| Females .           | 1241 | 1351 | 1324 | 1458 | 1387 | 1375 | 1281 | 1392 | 1362 | 1326 | 1471·8   | 1317 |
| <b>TOTAL Deaths</b> | 1703 | 1821 | 3376 | 1926 | 2023 | 1643 | 1595 | 1592 | 1733 | 1485 | 2066·1   | 1894 |
| Males . .           | 843  | 917  | 1605 | 986  | 988  | 822  | 826  | 812  | 877  | 734  | 1026·7   | 953  |
| Females .           | 855  | 904  | 1771 | 940  | 1035 | 821  | 769  | 780  | 906  | 751  | 1039·4   | 936  |

\* The numbers in this column are the average weekly numbers in the fifth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

**TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.**

|  | Nov.<br>12. | Nov.<br>19. | Nov.<br>26. | Dec.<br>3. | Dec.<br>10. | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. |
|--|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|
| <b>TOTAL Births</b>                      | 2634        | 2459        | 2632        | 2599       | 2497        | 2516        | 2406        | 2326        | 2845       | 2556        | 2688        | 2715        | 2688       |
| <b>TOTAL Deaths</b>                      | 1564        | 1638        | 1862        | 1705       | 1577        | 1625        | 1502        | 1832        | 1868       | 1940        | 2000        | 1816        | 1894       |
| 0-20                                     | 786         | 757         | 884         | 792        | 763         | 755         | 764         | 893         | 860        | 815         | 872         | 849         | 907        |
| 20-40                                    | 190         | 252         | 237         | 199        | 202         | 196         | 171         | 216         | 202        | 257         | 228         | 215         | 210        |
| 40-60                                    | 252         | 273         | 292         | 232        | 245         | 291         | 227         | 324         | 341        | 327         | 386         | 304         | 319        |
| 60-80                                    | 271         | 298         | 374         | 361        | 300         | 316         | 280         | 361         | 379        | 441         | 417         | 366         | 368        |
| at 80 years & upwds.                     | 65          | 58          | 75          | 71         | 67          | 67          | 60          | 88          | 86         | 100         | 97          | 82          | 90         |
| Deaths of children { Under 1 year        | 396         | 379         | 423         | 358        | 345         | 342         | 362         | 458         | 387        | 367         | 403         | 394         | 413        |
| { 1-5                                    | 279         | 263         | 325         | 314        | 307         | 306         | 294         | 353         | 351        | 337         | 349         | 353         | 366        |
| { 5-20                                   | 111         | 115         | 136         | 120        | 111         | 107         | 108         | 110         | 122        | 111         | 120         | 102         | 128        |
| Deaths from Small-pox                    | 1           | -           | 1           | -          | -           | -           | -           | -           | -          | 1           | -           | -           | -          |
| " " Measles                              | 38          | 25          | 27          | 26         | 32          | 17          | 30          | 28          | 25         | 25          | 14          | 16          | 18         |
| " " Scarlet fever                        | 62          | 41          | 54          | 54         | 42          | 41          | 39          | 40          | 37         | 25          | 42          | 29          | 38         |
| " " Diphtheria                           | 30          | 25          | 31          | 28         | 27          | 23          | 24          | 22          | 28         | 16          | 22          | 29          | 29         |
| " " Whooping-cough                       | 33          | 54          | 75          | 67         | 70          | 106         | 104         | 130         | 120        | 152         | 188         | 168         | 177        |
| " " Typhus                               | 1           | 1           | -           | 1          | -           | -           | -           | -           | 1          | -           | -           | -           | -          |
| " " Enteric fever                        | 17          | 23          | 18          | 23         | 30          | 18          | 15          | 19          | 28         | 22          | 26          | 13          | 26         |
| " " Simple Cont <sup>d</sup> fever       | -           | 1           | -           | -          | 1           | 2           | 1           | -           | 2          | 1           | 1           | 1           | 3          |
| " " Diarrhoea and Dysentery              | 12          | 11          | 18          | 14         | 12          | 12          | 8           | 12          | 12         | 11          | 15          | 11          | 15         |
| " " Cholera                              | -           | -           | -           | -          | -           | -           | -           | -           | -          | -           | -           | -           | -          |
| Deaths from the above-mentioned Diseases | 194         | 181         | 224         | 213        | 214         | 219         | 221         | 251         | 253        | 253         | 258         | 267         | 306        |
| " " Dis. of Respiratory System           | 438         | 461         | 560         | 455        | 408         | 413         | 357         | 442         | 502        | 579         | 591         | 534         | 516        |
| " " Phthisis                             | 130         | 177         | 169         | 131        | 138         | 145         | 129         | 162         | 161        | 187         | 153         | 154         | 159        |
| " " Dis. of Circulatory System           | 113         | 139         | 139         | 160        | 125         | 113         | 133         | 142         | 166        | 160         | 179         | 143         | 154        |
| Violent Deaths                           | 44          | 60          | 56          | 64         | 49          | 53          | 46          | 74          | 65         | 69          | 78          | 59          | 55         |
| Inquest Cases                            | 104         | 122         | 132         | 143        | 105         | 122         | 113         | 165         | 156        | 146         | 155         | 127         | 131        |
| Deaths in Public Institutions            | 308         | 380         | 385         | 386        | 317         | 373         | 316         | 380         | 366        | 436         | 413         | 381         | 388        |
| <b>TEMPERATURE OF THE AIR</b>            |             |             |             |            |             |             |             |             |            |             |             |             |            |
| Mean                                     | 45·3        | 34·1        | 38·7        | 43·3       | 40·4        | 41·7        | 34·9        | 32·1        | 40·2       | 38·1        | 34·7        | 40·7        | 33·7       |
| Mean of Highest readings                 | 49·3        | 38·7        | 42·6        | 47·8       | 45·6        | 46·2        | 38·0        | 35·4        | 44·8       | 41·4        | 37·5        | 44·6        | 38·8       |
| Mean of Lowest readings                  | 41·9        | 29·4        | 33·6        | 38·5       | 35·4        | 36·3        | 31·1        | 28·0        | 35·4       | 34·3        | 30·7        | 36·8        | 27·6       |
| Humidity of the Air                      | 91          | 88          | 91          | 87         | 84          | 88          | 89          | 79          | 88         | 97          | 86          | 83          | 78         |
| Rain-fall in inches                      | 0·99        | 0·53        | 0·31        | 0·48       | 0·47        | 0·81        | 0·17        | 0·02        | 0·40       | 0·02        | 0·21        | 0·10        | 0·17       |
| Registered Sunshine (in hours)           | 6·4         | 11·0        | 0·2         | 7·4        | 2·9         | 5·8         | 1·9         | 6·2         | 4·1        | 0·0         | 2·5         | 3·0         | 11·1       |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

**METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)**

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTH Week of the Year 1888.

| CAUSES OF DEATH.                             | Corrected Averages for the 5th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 4th February 1888. |           |      |       |                  |                  |                  |                       | CAUSES OF DEATH.                                      | Corrected Averages for the 5th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 4th February 1888. |           |      |       |                  |                  |                  |                       |
|--|--|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|--|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|
|  |  | Deaths of Persons of the Ages                   |           |      |       |                  |                  |                  |                       |   |  | Deaths of Persons of the Ages                   |           |      |       |                  |                  |                  |                       |
|  |  | ALL AGES.                                       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |   |  | ALL AGES.                                       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|  |  |   | 0-1.      | 1-6. | 6-20. |                  |                  |                  |                       |   |  |   | 0-1.      | 1-6. | 6-20. |                  |                  |                  |                       |
| ALL CAUSES -                                 | 2068.1   | 1894  | 413       | 366  | 128   | 210              | 319              | 368              | 90                    | Diseases of Organs of Special Sense † -               | 1.8  | 2   | -         | -    | 1     | 1                | -                | -                | -                     |
| Small-pox { Vaccinated † -                   | 21.0 {   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System -                      | 189.3  | 154   | 2         | 2    | 12    | 22               | 43               | 62               | 11                    |
| Unvaccinated -                               |  | -   | -         | -    | -     | -                | -                | -                | -                     | Croup -   | 15.6   | 16  | 1         | 12   | 3     | -                | -                | -                | -                     |
| No Statement -                               |  | -   | -         | -    | -     | -                | -                | -                | -                     | Bronchitis -  | 438.0  | 301   | 59        | 55   | 4     | 10               | 48               | 105              | 20                    |
| Measles -                                    | 38.3   | 18  | 2         | 16   | -     | -                | -                | -                | -                     | Pneumonia -   | 127.0  | 138   | 17        | 42   | 8     | 23               | 28               | 17               | 3                     |
| Scarlet Fever -                              | 34.1   | 38  | 1         | 19   | 18    | -                | -                | -                | -                     | Pleurisy -  | 5.8  | 7   | 1         | 2    | -     | 2                | 1                | -                | -                     |
| Typhus -                                     | 1.9  | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System -                | 56.5   | 54  | 9         | 11   | 3     | 1                | 12               | 15               | -                     |
| Relapsing Fever † -                          | 0.2  | -   | -         | -    | -     | -                | -                | -                | -                     | Dentition † -   | 15.5   | 10  | 6         | 4    | -     | -                | -                | -                | -                     |
| Influenza -                                  | 0.2  | -   | -         | -    | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † -                               | 2.8  | 5   | 2         | 2    | -     | 1                | -                | -                | -                     |
| Whooping-cough -                             | 104.3  | 177   | 69        | 103  | 5     | -                | -                | -                | -                     | Enteritis -   | 6.4  | 9   | 4         | 2    | -     | -                | 2                | 1                | 1                     |
| Diphtheria -                                 | 16.5   | 29  | 4         | 20   | 4     | 1                | -                | -                | -                     | Peritonitis -   | 7.9  | 10  | -         | -    | 1     | 5                | 1                | 2                | 1                     |
| Simple Continued and Ill-defined Fever -     | 1.9  | 3   | -         | 1    | 1     | 1                | -                | -                | -                     | Diseases of Liver -                                   | 28.9   | 23  | 5         | -    | 3     | 7                | 7                | 1                | -                     |
| Enteric Fever -                              | 14.3   | 26  | -         | 2    | 12    | 0                | 2                | 1                | -                     | Other Diseases of Digestive System -                  | 30.8   | 27  | 4         | 2    | -     | 4                | 5                | 12               | -                     |
| Cholera -                                    | 0.3  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - | 1.9  | 1   | -         | -    | -     | -                | -                | 1                | -                     |
| Diarrhoea, Dysentery -                       | 15.0   | 15  | 6         | 6    | -     | 1                | -                | 2                | -                     | Diseases of Urinary System -                          | 40.9   | 47  | -         | 3    | 2     | 4                | 16               | 17               | 5                     |
| Remittent Fever † -                          | 0.5  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System -                       | 5.8  | 3   | 1         | -    | -     | -                | 1                | 1                | -                     |
| Hydrophobia -                                | 0.0  | -   | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth -                             | 4.9  | 5   | -         | -    | 1     | 2                | 2                | -                | -                     |
| Glanders -                                   | 0.0  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Locomotive System † -                     | 7.9  | 7   | 1         | 1    | 4     | 1                | -                | -                | -                     |
| Cowpox and Effects of Vaccination † -        | 0.0  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Integumentary System -                    | 6.9  | 5   | 1         | -    | -     | 1                | 2                | 1                | -                     |
| Veneral Affections -                         | 10.9   | 10  | 6         | -    | -     | 2                | 1                | 1                | -                     | VIOLENT DEATHS.‡                                      |  |   |           |      |       |                  |                  |                  |                       |
| Erysipelas -                                 | 5.1  | 4   | 3         | -    | -     | 1                | -                | -                | -                     | ACCIDENT.)  |  |   |           |      |       |                  |                  |                  |                       |
| Pyæmia and Septicæmia †                      | 3.5  | 3   | 2         | -    | -     | -                | 1                | -                | -                     | Fracture and Contusion -                              | 22.4   | 19  | -         | 2    | 5     | 4                | 4                | 4                | -                     |
| Puerperal Fever -                            | 7.4  | 7   | -         | -    | -     | 7                | -                | -                | -                     | Gunshot Wound -                                       | 0.0  | 1   | -         | -    | 1     | -                | -                | -                | -                     |
| Other Zymotic Diseases †                     | 1.6  | 2   | -         | 2    | -     | -                | -                | -                | -                     | Cut, Stab -   | 0.2  | -   | -         | -    | -     | -                | -                | -                | -                     |
| Thrush -                                     | 1.8  | 4   | 4         | -    | -     | -                | -                | -                | -                     | Burn and Scald -                                      | 9.6  | 8   | -         | 4    | 2     | -                | 1                | 1                | -                     |
| Worms and other Parasitical Diseases -       | 0.8  | -   | -         | -    | -     | -                | -                | -                | -                     | Poison -  | 0.9  | 2   | 1         | -    | -     | -                | 1                | -                | -                     |
| Starvation, Want of Breast-milk † -          | 1.8  | 1   | 1         | -    | -     | -                | -                | -                | -                     | Drowning -  | 6.0  | 1   | -         | -    | -     | -                | -                | -                | -                     |
| Alcoholism -                                 | 3.3  | 5   | -         | -    | -     | 1                | 4                | -                | -                     | Suffocation -   | 15.2   | 15  | 14        | 1    | -     | -                | -                | -                | -                     |
| Rheumatic Fever and Rheumatism of Heart -    | 14.3 {   | 15  | -         | -    | 8     | 4                | 3                | -                | -                     | Otherwise -   | 2.7  | 2   | 1         | -    | -     | -                | 1                | -                | -                     |
| Rheumatism -                                 |  | 2   | -         | -    | -     | 1                | 1                | -                | -                     | (HOMICIDE.)   |  |   |           |      |       |                  |                  |                  |                       |
| Gout -                                       |  | 5.3   | 6         | -    | -     | -                | 1                | 4                | 1                     | Murder & Manslaughter -                               | 2.6  | 2   | -         | 1    | -     | 1                | -                | -                | -                     |
| Rickets † -                                  | 1.9  | 2   | 1         | 1    | -     | -                | -                | -                | -                     | (SUICIDE.)  |  |   |           |      |       |                  |                  |                  |                       |
| Cancer -                                     | 50.5   | 59  | -         | -    | -     | 10               | 26               | 22               | 1                     | Gunshot Wound -                                       | 1.0  | 1   | -         | -    | -     | 1                | -                | -                | -                     |
| Tabes Mesenterica -                          | 21.0   | 27  | 17        | 8    | 1     | -                | 1                | -                | -                     | Cut, Stab -   | 1.6  | 3   | -         | -    | -     | 2                | -                | -                | -                     |
| Tubercular Meningitis -                      | 23.7   | 14  | 2         | 8    | 4     | -                | -                | -                | -                     | Poison -  | 1.8  | -   | -         | -    | -     | -                | -                | -                | -                     |
| Phthisis -                                   | 106.9  | 169   | 2         | 3    | 10    | 71               | 62               | 11               | -                     | Drowning -  | 1.0  | -   | -         | -    | -     | -                | -                | -                | -                     |
| Scrofula, Tuberculosis -                     | 15.5   | 17  | 4         | 4    | 3     | 4                | 2                | -                | -                     | Hanging -   | 0.9  | 1   | -         | -    | -     | -                | 1                | -                | -                     |
| Other Constitutional Diseases † -            | 10.4   | 7   | -         | -    | 2     | -                | 2                | 2                | 1                     | Otherwise -   | 0.5  | -   | -         | -    | -     | -                | -                | -                | -                     |
| Premature Birth -                            | 35.8   | 47  | 47        | -    | -     | -                | -                | -                | -                     | (EXECUTION.)  |  |   |           |      |       |                  |                  |                  |                       |
| Atelectasis † -                              | 2.5  | 3   | 3         | -    | -     | -                | -                | -                | -                     | Hanging -   | 0.0  | -   | -         | -    | -     | -                | -                | -                | -                     |
| Congenital Malformations -                   | 8.5  | 8   | 8         | -    | -     | -                | -                | -                | -                     | OTHER CAUSES † -                                      | 68.9   | 64  | 55        | 3    | -     | -                | 3                | 2                | 1                     |
| Old Age -                                    | 75.5   | 66  | -         | -    | -     | -                | -                | 31               | 35                    |   |  |   |           |      |       |                  |                  |                  |                       |
| Apoplexy -                                   | 51.1   | 42  | -         | 1    | -     | 2                | 16               | 19               | 4                     |   |  |   |           |      |       |                  |                  |                  |                       |
| Epilepsy -                                   | 8.2  | 5   | 1         | -    | 1     | 1                | 2                | -                | -                     |   |  |   |           |      |       |                  |                  |                  |                       |
| Convulsions -                                | 58.3   | 47  | 36        | 10   | -     | 1                | -                | -                | -                     |   |  |   |           |      |       |                  |                  |                  |                       |
| Other Diseases of Brain and Nervous System - | 111.6  | 83  | 11        | 12   | 10    | 7                | 14               | 24               | 5                     |   |  |   |           |      |       |                  |                  |                  |                       |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.                                    | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | The DEATHS registered in the Week include |                                 |            |             |                |             |                 |         |                             |                         |            |           |                |                                |                              |
|---|---|--|--|---|---------------------------------|------------|-------------|----------------|-------------|-----------------|---------|-----------------------------|-------------------------|------------|-----------|----------------|--------------------------------|------------------------------|
|   |   |  |  | Deaths of                                 |                                 |            | Deaths from |                |             |                 |         |                             |                         |            |           |                |                                |                              |
|   |   |  |  | Infants under 1 year of Age.              | Persons aged 60 Years & upwards | Small-pox. | Measles.    | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple continued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
| <b>LONDON.</b>  | 3,815,704   | 2688                                   | 1894                                   | 413                                       | 458                             | -          | 18          | 38             | 29          | 177             | -       | 26                          | 3                       | 15         | 55        | 131            | 388                            | 15                           |
| West Districts - - - -  | 669,633   | 417                                    | 331                                    | 65  | 104                             | -          | 2           | 2              | 8           | 25              | -       | 4                           | -                       | 2          | 7         | 23             | 76                             | 5                            |
| North Districts - - - -   | 905,947   | 566                                    | 417                                    | 99  | 96                              | -          | 10          | 6              | 6           | 35              | -       | 3                           | 1                       | 3          | 9         | 22             | 73                             | -                            |
| Central Districts - - - -   | 282,283   | 152                                    | 144                                    | 20  | 35                              | -          | -           | 2              | 5           | 14              | -       | -                           | -                       | -          | 6         | 17             | 40                             | -                            |
| East Districts - - - -  | 692,738   | 577                                    | 376                                    | 82  | 84                              | -          | 2           | 4              | 2           | 51              | -       | 4                           | -                       | 3          | 17        | 86             | 81                             | -                            |
| South Districts - - - -   | 1,365,148   | 976                                    | 624                                    | 147                                       | 139                             | -          | 4           | 23             | 8           | 52              | -       | 15                          | 2                       | 7          | 16        | 33             | 103                            | 10                           |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON | -   | -                                      | 2                                      | -   | -                               | -          | -           | 1              | -           | -               | -       | -                           | -                       | -          | -         | -              | 2                              | -                            |
| <b>WEST DISTRICTS.</b>  |   |  |  |   |                                 |            |             |                |             |                 |         |                             |                         |            |           |                |                                |                              |
| St. Mary Paddington WHH G.J. & W.M.                               | 69883   | 53                                     | 39                                     | 6   | 13                              | -          | -           | -              | 4           | 1               | -       | 1                           | -                       | -          | -         | 3              | 5                              | -                            |
| St. John Paddington H - - G.J.                                    | 37390   | 5                                      | 19                                     | 3   | 5                               | -          | -           | -              | 1           | 1               | -       | -                           | -                       | -          | -         | 1              | 7                              | -                            |
| Kensington Town Ww - - W.M.                                       | 120141  | 74                                     | 50                                     | 6   | 25                              | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | 2         | 4              | 14                             | 1                            |
| Brompton H - - W.M. & C.  | 43010   | 12                                     | 10                                     | 2   | 4                               | -          | -           | -              | -           | 1               | -       | -                           | -                       | -          | -         | 1              | -                              | 1                            |
| St. Peter Hammersmith - - W.M.                                    | 7359  | 4                                      | 3                                      | 1   | -                               | -          | -           | -              | -           | 2               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. Paul Hammersmith H W.M. & G.J.                                | 64340   | 57                                     | 32                                     | 9   | 8                               | -          | -           | -              | 1           | 4               | -       | -                           | -                       | -          | -         | 3              | -                              | -                            |
| Fulham Ww - - W.M. & C.   | 42900   | 53                                     | 39                                     | 14  | 7                               | -          | -           | 2              | 1           | 6               | -       | 2                           | -                       | -          | -         | 3              | 10                             | -                            |
| Chelsea South HHH - - C.  | 30396   | 18                                     | 11                                     | 3   | 3                               | -          | -           | -              | -           | 1               | -       | -                           | -                       | -          | -         | -              | 2                              | -                            |
| Chelsea North-west WHHHHH - C.                                    | 24925   | 19                                     | 19                                     | 4   | 7                               | -          | -           | -              | -           | 1               | -       | -                           | -                       | 2          | -         | 2              | 10                             | -                            |
| Chelsea North-east - - C.   | 32807   | 24                                     | 14                                     | 3   | 3                               | -          | -           | -              | -           | 3               | -       | -                           | -                       | -          | 1         | -              | -                              | -                            |
| May Fair WW - - G.J.  | 30353   | 17                                     | 16                                     | 2   | 5                               | -          | 1           | -              | -           | -               | -       | -                           | -                       | -          | -         | 1              | 11                             | 1                            |
| Belgrave WHH - - G.J.   | 49220   | 29                                     | 35                                     | 3   | 10                              | -          | -           | -              | 1           | -               | -       | -                           | -                       | 2          | -         | 2              | 12                             | 2                            |
| St. John Westminster HHH - C.                                     | 35496   | 22                                     | 17                                     | 5   | 5                               | -          | -           | -              | -           | 2               | -       | -                           | -                       | -          | -         | 2              | -                              | -                            |
| St. Margaret Westminster H - C.                                   | 24679   | 11                                     | 10                                     | 2   | 1                               | -          | -           | -              | -           | 3               | -       | -                           | -                       | -          | -         | 3              | -                              | -                            |
| St. James Westminster WHH N.R. & G.J.                             | 29041   | 9                                      | 13                                     | 1   | 7                               | -          | 1           | -              | -           | -               | -       | 1                           | -                       | -          | 1         | 1              | 2                              | -                            |
| St. Anne Soho HHHHHH - N.R.                                       | 16608   | 10                                     | 4                                      | 1   | 1                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| <b>NORTH DISTRICTS.</b>   |   |  |  |   |                                 |            |             |                |             |                 |         |                             |                         |            |           |                |                                |                              |
| Alt. Souls Marylebone HHHH - W.M.                                 | 26759   | 10                                     | 15                                     | 4   | 1                               | -          | -           | -              | -           | -               | -       | 1                           | -                       | -          | -         | -              | 5                              | -                            |
| Cavendish Square HHHH - W.M.                                      | 14891   | 4                                      | 3                                      | 1   | 2                               | -          | -           | -              | 1           | -               | -       | -                           | -                       | -          | -         | -              | 4                              | -                            |
| Rectory Marylebone WH G.J. & W.M.                                 | 24809   | 15                                     | 17                                     | 5   | 2                               | -          | -           | -              | -           | -               | -       | -                           | -                       | 1          | -         | 2              | -                              | -                            |
| St. Mary Marylebone HHH G.J. & W.M.                               | 21118   | 30                                     | 11                                     | 2   | 4                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | 2         | 3              | -                              | -                            |
| Christchurch Marylebone H - W.M.                                  | 33700   | 24                                     | 9                                      | 4   | -                               | -          | -           | -              | 1           | 2               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. John Marylebone H - W.M.                                      | 33633   | 12                                     | 14                                     | 2   | 6                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | 1         | -              | -                              | -                            |
| Hampstead WwvHHHH N.R. & W.M.                                     | 45452   | 32                                     | 7                                      | 2   | -                               | -          | 1           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 2                              | -                            |
| Regent's Park Pancras H - W.M.                                    | 39115   | 22                                     | 10                                     | 3   | 1                               | -          | -           | -              | 1           | -               | -       | -                           | -                       | -          | -         | 1              | -                              | -                            |
| Tottenham-court WHHHH N.R. & W.M.                                 | 27729   | 16                                     | 22                                     | 1   | 6                               | -          | 1           | -              | -           | -               | -       | -                           | -                       | -          | 1         | 1              | 11                             | -                            |
| Gray's Ina Lane HHH - N.R.  | 30247   | 12                                     | 13                                     | 5   | 4                               | -          | -           | -              | 1           | -               | -       | -                           | -                       | -          | 1         | 2              | 1                              | -                            |
| Somers Town H - N.R.  | 34369   | 20                                     | 16                                     | 3   | -                               | -          | 1           | -              | -           | -               | -       | 1                           | -                       | -          | 1         | 2              | 2                              | -                            |
| Camden Town WH - N.R.   | 17811   | 15                                     | 10                                     | 1   | 7                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | 8              | -                              | -                            |
| Kentish Town W - N.R.   | 87487   | 73                                     | 50                                     | 9   | 11                              | -          | -           | -              | 1           | 5               | -       | 1                           | -                       | 2          | 4         | 8              | -                              | -                            |
| Upper Holloway WwvH - N.R.  | 67946   | 56                                     | 52                                     | 8   | 14                              | -          | 7           | -              | -           | 7               | -       | -                           | -                       | -          | -         | -              | 19                             | -                            |
| Islington South-west HH - N.R.                                    | 100676  | 45                                     | 43                                     | 9   | 8                               | -          | -           | 1              | 1           | 5               | -       | -                           | -                       | -          | -         | 2              | 4                              | -                            |
| Islington South-east - - N.R.                                     | 61895   | 36                                     | 18                                     | 8   | 4                               | -          | -           | -              | 1           | 8               | -       | -                           | -                       | -          | 1         | 1              | -                              | -                            |
| Highbury H - N.R.   | 82048   | 22                                     | 10                                     | 2   | 3                               | -          | 1           | -              | -           | 8               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Stoke Newington H - N.R.  | 22781   | 20                                     | 5                                      | 1   | 2                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Stamford Hill - E.L.  | 9277  | 6                                      | 17                                     | -   | 2                               | -          | -           | -              | 1           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| West Hackney - N.R.   | 37610   | 19                                     | 15                                     | 4   | 4                               | -          | 1           | -              | -           | 1               | -       | -                           | -                       | -          | 1         | 2              | 1                              | -                            |
| Hackney WwvH - E.L. & N.R.  | 76911   | 57                                     | 45                                     | 16  | 13                              | -          | 2           | -              | -           | 6               | -       | -                           | -                       | 2          | -         | -              | 13                             | -                            |
| South Hackney - E.L.  | 39583   | 20                                     | 16                                     | 8   | 2                               | -          | 1           | -              | -           | 1               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| <b>CENTRAL DISTRICTS.</b>   |   |  |  |   |                                 |            |             |                |             |                 |         |                             |                         |            |           |                |                                |                              |
| St. George Bloomsbury - - N.R.                                    | 16681   | 4                                      | 3                                      | 1   | 1                               | -          | -           | -              | -           | 1               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. Giles South WH - - N.R.                                       | 14864   | 13                                     | 10                                     | 1   | 3                               | -          | -           | 1              | -           | -               | -       | -                           | -                       | -          | 1         | 4              | -                              | -                            |
| St. Giles North - - N.R.  | 18887   | 5                                      | 3                                      | -   | -                               | -          | -           | -              | 1           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. Martin-in-the-Fields HH N.R. & C.                             | 17508   | 7                                      | 10                                     | -   | 2                               | -          | -           | 1              | -           | -               | -       | -                           | -                       | -          | 1         | 4              | 4                              | -                            |
| St. Mary-le-Strand H - - N.R.                                     | 7515  | 4                                      | 1                                      | -   | -                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. Clement Danes H - - N.R.                                      | 8559  | 8                                      | 3                                      | 1   | 2                               | -          | -           | -              | 2           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Strand Union Workhouse, Edmonton w.                               | -   | -                                      | 3                                      | -   | -                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 3                              | -                            |
| St. Geo.-the-Martyr HHHHHH N.R.                                   | 18871   | 18                                     | 7                                      | 1   | 1                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 3                              | -                            |
| St. Andrew Eastern W - - N.R.                                     | 10706   | 5                                      | 5                                      | 1   | -                               | -          | -           | -              | -           | 1               | -       | -                           | -                       | -          | -         | -              | 1                              | -                            |
| Saffron Hill H - - N.R.   | 6538  | 3                                      | 2                                      | -   | -                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. James Clerkenwell - N.R.                                      | 17516   | 12                                     | 7                                      | 2   | 1                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | 1              | -                              | -                            |
| Amwell Clerkenwell - N.R.   | 19251   | 9                                      | 9                                      | 3   | 2                               | -          | -           | -              | -           | 2               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Pentonville - - N.R.  | 14773   | 9                                      | 10                                     | 2   | 2                               | -          | -           | -              | -           | 3               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Goswell-street - - N.R.   | 17506   | 8                                      | 6                                      | 1   | 4                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | 1              | -                              | -                            |
| Old-street H - - N.R.   | 11541   | 12                                     | 9                                      | -   | -                               | -          | -           | -              | 1           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| City-road HHL - - N.R.  | 18628   | 14                                     | 9                                      | 4   | 1                               | -          | -           | -              | -           | 2               | -       | -                           | -                       | -          | -         | 1              | 2                              | -                            |
| Whitecross-street - - N.R.  | 9217  | 7                                      | 5                                      | 1   | 1                               | -          | -           | -              | 1           | -               | -       | -                           | -                       | -          | 1         | 2              | -                              | -                            |
| Finsbury - - N.R.   | 7463  | 2                                      | 1                                      | -   | -                               | -          | -           | -              | -           | 1               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Holborn Union Workhouse, Mitcham, w.                              | -   | -                                      | 1                                      | -   | -                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. Botolph H - - N.R. & E.L.                                     | 11174   | 6                                      | 7                                      | -   | 1                               | -          | -           | -              | 1           | 1               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Cripplegate - - N.R.  | 7193  | 1                                      | 3                                      | 1   | -                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. Sepulchre H - - N.R.  | 5338  | -                                      | 20                                     | -   | 4                               | -          | -           | -              | 1           | -               | -       | -                           | -                       | -          | 3         | 3              | 19                             | -                            |
| St. Bride W - - N.R.  | 8396  | 2                                      | 3                                      | -   | -                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Allhallows Barking - - N.R.                                       | 13666   | 2                                      | 9                                      | -   | 4                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | 1         | 2              | -                              | -                            |
| Broad Street H - - N.R.   | 5652  | 1                                      | 2                                      | -   | 1                               | -          | -           | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Work-houses; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; *see* note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.*, signifies Grand Junction Company; *W.M.*, West Middlesex; *C.*, Chelsea; *S.*, Southwark and Vauxhall; *L.*, Lambeth; *N.R.*, New River; *E.L.*, East London; and *K.*, the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, MEASLES, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 4th February, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |  | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |                                  |             |          |                |             |                 |         |                             |                              |            |           |                |                                |                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                |  |   |  |  | Deaths of                                 |                                  | Deaths from |          |                |             |                 |         |                             |                              |            |           |                |                                |                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |  |   |  |  | Infants under 1 Year of Age.              | Persons aged 60 Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EAST DISTRICTS.                |  |   |  |  |   |                                  |             |          |                |             |                 |         |                             |                              |            |           |                |                                |                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The following WORKHOUSE Establishments receive inmates from other districts than the one in which they stand, and are indicated in the above Table by w:-

Marylebone Infirmary in Kensington Town sub-district.  
 Central London Sick Asylum in Tottenham Court-road sub-district.  
 Holborn Infirmary in Upper Holloway sub-district.  
 London City Workhouse " Hackney sub-district.  
 " " Hoxton New Town sub-district.  
 " " Mile End Old Town Eastern sub-district.  
 " " Mile End Old Town Eastern sub-district.  
 London City " " and Bromley sub-district.  
 Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
 Poplar & Stepney Sick Asylum  
 Westminster Union Industrial School in West Battersea sub-district.  
 Strand and Holborn Workhouses outside Registration London.  
 Metropolitan Asylum District Hospitals in Fulham, Hammersmith, Plumstead, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 4th February, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |                    |
|---|----------------------------------|--|--|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--------------------|
|   |                                  |  |  |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |                    |
|   |                                  |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957                                      | 800     | 476     | 107                                       | 132                                 | -           | 7        | 7              | 10          | 41              | 3      | 2          | 6         | 16             | 57                                |                    |
| 80:1  | Carshalton <i>wL</i> -           | 12223  | 21118  | 12      | 9       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 6                                 |                    |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710  | 4       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 37:1  | Godstone (part of)* -            | 2754   | 1235   | 1       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 38:1  | Croydon <i>WwHHL</i> -           | 20851  | 101241                                       | 68      | 44      | 7   | 15                                  | -           | -        | -              | 1           | -               | 1      | 1          | -         | -              | 10                                |                    |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17932  | 15      | 7       | 2   | 2                                   | -           | -        | 1              | -           | -               | -      | -          | -         | 1              | -                                 |                    |
| 39:1  | Wimbledon <i>HHH</i> -           | 3220   | 15950  | 11      | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354  | 23      | 18      | 8   | 5                                   | -           | -        | -              | 1           | -               | -      | -          | -         | 1              | -                                 |                    |
| 3   | Esher (part of)* -               | 6801   | 9221   | 9       | 7       | -   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 4   | Hampton <i>H</i> -               | 4573   | 13539  | 8       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 40:1  | Richmond <i>WH</i> -             | 2272   | 21302  | 6       | 7       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |                    |
| 2   | Mortlake -                       | 2941   | 12331  | 9       | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                    |
| 41:1  | Bromley (pt. of)* <i>HH</i>      | 15669  | 31142  | 28      | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844  | 16      | 4       | 1   | 2                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -              | -                                 |                    |
| 42:1  | Bexley <i>H</i> -                | 13437  | 24134  | 18      | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 124:1   | Sunbury <i>w</i> -               | 11055  | 11685  | 5       | 6       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 2   | Staines <i>W</i> -               | 13277  | 12089  | 8       | 11      | 1   | 7                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | 3                                 |                    |
| 125:1   | Hillingdon <i>WHH</i> -          | 6029   | 10802  | 7       | 5       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 2   | Uxbridge -                       | 6178   | 5225   | 6       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 3   | Hayes <i>wHL</i> -               | 14587  | 11623  | 6       | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4                                 |                    |
| 126:1   | Isleworth <i>WHH</i> -           | 7008   | 22727  | 15      | 15      | 4   | 7                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 2                                 |                    |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479  | 6       | 4       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649  | 21      | 14      | 3   | 1                                   | -           | -        | -              | -           | 3               | -      | -          | -         | 1              | 2                                 |                    |
| 4   | Chiswick -                       | 1340   | 15975  | 17      | 6       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 2              | -                                 |                    |
| 5   | Acton <i>wH</i> -                | 6035   | 22376  | 18      | 10      | 3   | 3                                   | -           | -        | 1              | -           | 2               | -      | -          | -         | 1              | -                                 |                    |
| 127:1   | Harrow <i>H</i> -                | 13809  | 12796  | 7       | 5       | 2   | 2                                   | -           | 2        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                    |
| 2   | Edgware <i>H</i> -               | 6094   | 3749   | 5       | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 3   | Willesden -                      | 4383   | 27453  | 31      | 16      | 2   | 3                                   | -           | 2        | -              | -           | 2               | 1      | -          | 1         | 1              | -                                 |                    |
| 4   | Hendon <i>W</i> -                | 8332   | 10484  | 10      | 6       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 3                                 |                    |
| 128:1   | South Mimms -                    | 15599  | 6391   | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 2   | Barnet -                         | 5433   | 10092  | 4       | 4       | 1   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | 3                                 |                    |
| 3   | Finsbury <i>HL</i> -             | 4688   | 17615  | 15      | 10      | 2   | 3                                   | -           | 1        | -              | -           | -               | -      | -          | 1         | 1              | 5                                 |                    |
| 129:1   | Hornsey <i>H</i> -               | 3039   | 37073  | 24      | 10      | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                    |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456  | 63      | 38      | 8   | 7                                   | -           | -        | -              | 2           | 6               | -      | -          | -         | 1              | 1                                 |                    |
| 3   | Edmonton <i>Ww†</i> -            | 7433   | 23463  | 20      | 21      | 7   | 6                                   | -           | -        | -              | -           | 6               | -      | -          | -         | 1              | 3                                 |                    |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104  | 17      | 16      | 3   | 2                                   | -           | 1        | 1              | 4           | 2               | -      | -          | -         | 1              | -                                 |                    |
| 5   | Waltham Abbey -                  | 11017  | 5363   | 3       | 1       | -   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 6   | Cheshunt -                       | 8490   | 7735   | 9       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 135:1   | Hatfield (part of)* -            | 3306   | 583  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 137:1   | Bushey -                         | 9331   | 6621   | 5       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 138:1   | Stratford -                      | 892  | 38606  | 35      | 22      | 7   | 4                                   | -           | -        | -              | 1           | 6               | -      | 1          | -         | -              | -                                 |                    |
| 2   | West Ham <i>wowwH§</i> -         | 7351   | 101053                                       | 125     | 63      | 17  | 11                                  | -           | -        | 3              | 1           | 5               | -      | -          | 1         | 1              | 1                                 |                    |
| 3   | Leyton <i>WwL</i> -              | 4572   | 32430  | 23      | 23      | 6   | 9                                   | -           | -        | -              | -           | 5               | -      | -          | -         | -              | 12                                |                    |
| 4   | Walthamstow <i>H</i> -           | 6520   | 28869  | 39      | 12      | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 137:1   | Chigwell (part of)* <i>H</i>     | 11761  | 5059   | 6       | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 139:1   | Romford (part of)* -             | 6730   | 3411   | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 2   | Ilford -                         | 8493   | 7645   | -       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                    |
| 3   | Barking Town -                   | 4127   | 9203   | 9       | 6       | 3   | 1                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 |                    |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 4th February, 1888.**

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  |                                   |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 22·4  | 3·6                                   | 2370                             | 520                                       | 590  | -           | 25       | 45                | 39          | 218                 | 32     | 17         | 61        | 445 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 23·1  | 3·7                                   | 1894                             | 418                                       | 458  | -           | 18       | 38                | 29          | 177                 | 29     | 15         | 55        | 388 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 19·9  | 2·9                                   | 476                              | 107                                       | 132  | -           | 7        | 7                 | 10          | 41                  | 3      | 2          | 6         | 57  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 66·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

**TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,207,708 Persons.**

| CITIES.          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of | DEATHS. Stillborn. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                      |
|------------------|---------------------------------------|-----------------------------|----------------------|--------------------|------------------------------------|---|
| CALCUTTA -       | 433,219                               | December 31                 | -                    | 244                | 29·3                               | Fevers 86; cholera 17.                              |
| BOMBAY -         | 773,196                               | January 10                  | 329                  | 354                | 28·7                               | Fevers 134; small-pox 10.                           |
| MADRAS -         | 398,777                               | December 23                 | 317                  | 390                | 51·0                               | Fevers 88; cholera 20; diarrhoeal diseases 66.      |
| PARIS -          | 2,260,945                             | January 28                  | 1129                 | 1153               | 26·8                               | Typh. fever 23; diph. and croup 47; sm.-pox 12.     |
| BRUSSELS -       | 450,708                               | " 28                        | 245                  | 246                | 27·9                               | Diphtheria 2; croup 4.                              |
| AMSTERDAM -      | 378,969                               | " 28                        | 282                  | 183                | 24·4                               | Diphtheria 2; croup 8; measles 5.                   |
| ROTTERDAM -      | 193,660                               | " 28                        | 144                  | 108                | 28·3                               | Scarlet fever 2.                                    |
| THE HAGUE -      | 149,410                               | " 28                        | 101                  | 51                 | 17·7                               | -   |
| COPENHAGEN -     | 300,000                               | " 24                        | 217                  | 146                | 25·4                               | Diphtheria 10; measles 6.                           |
| STOCKHOLM -      | 216,807                               | " 21                        | 137                  | 111                | 26·6                               | Diphtheria and croup 4; scarlet fever 3.            |
| CHRISTIANIA -    | 134,000                               | " 28                        | 74                   | 62                 | 24·1                               | Measles 14; diphtheria and croup 5.                 |
| ST. PETERSBURG   | 928,016                               | " 21                        | -                    | 553                | 31·1                               | Typh. and typh. fev. 18; meas. 16; sm.-pox 3.       |
| BERLIN -         | 1,413,603                             | " 14                        | 945                  | 532                | 19·4                               | Diphtheria 13; meas. 7; typh. and typhd. fev. 6.    |
| HAMBURG(State)   | 529,091                               | " 21                        | 843                  | 316                | 31·2                               | Typh. and typhd. fev. 23; measles 7; diar. dis. 41. |
| DRESDEN -        | 259,142                               | " 14                        | 143                  | 99                 | 19·9                               | Diphtheria and croup 8.                             |
| BRESLAU -        | 308,105                               | " 21                        | 243                  | 161                | 27·6                               | Diphtheria 9.                                       |
| MUNICH -         | 275,000                               | " 21                        | 157                  | 142                | 23·9                               | Diphtheria and croup 5; measles 4.                  |
| VIENNA -         | 800,836                               | " 21                        | 555                  | 397                | 25·8                               | Diphtheria 10; meas. 11; small-pox 3.               |
| PRAGUE -         | 295,857                               | " 28                        | -                    | 211                | 37·2                               | Small-pox 27; diph. 7; scarlet fever 5.             |
| BUDA-PESTH -     | 442,787                               | " 21                        | 339                  | 296                | 34·8                               | Diphtheria 4; croup 5; measles 4.                   |
| TRIESTE -        | 156,042                               | " 21                        | -                    | 112                | 37·3                               | Small-pox 9; diph. and croup 6.                     |
| ROME -           | 369,214                               | December 31                 | 246                  | 218                | 30·8                               | Sm.-pox 7; diphtheria 3; typhoid fever 2.           |
| TURIN (11 days)- | 286,956                               | " 31                        | -                    | -                  | -                                  | -   |
| VENICE -         | 148,380                               | January 21                  | 82                   | 103                | 36·2                               | Measles 7.  |
| CAIRO -          | 374,398                               | " 12                        | 445                  | 261                | 36·3                               | Typh. fev. 7; whooping-cough 6; diar. dis. 83.      |
| ALEXANDRIA -     | 231,396                               | " 12                        | 231                  | 174                | 39·2                               | Typhd. fev. 4; diarrhoeal diseases 35.              |
| NEW YORK -       | 1,493,000                             | " 14                        | -                    | 763                | 26·7                               | Diph. 47; scar. fev. 21; small-pox 1.               |
| BROOKLYN -       | 774,570                               | " 14                        | -                    | 363                | 24·4                               | Diphtheria 39; croup 10; scar. fev. 13; sm.-pox 1.  |
| PHILADELPHIA -   | 993,301                               | " 14                        | -                    | 339                | 20·4                               | Diphtheria 9; croup 6; typh. fev. 11; sc. fev. 5.   |
| BALTIMORE -      | 437,155                               | " 14                        | -                    | 130                | 16·6                               | Scarlet fever 3; typhoid fever 2.                   |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 4TH FEBRUARY, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.                     |                 |   | TEMPERATURE.  |              |                 |                |   |                         |                |  |                                   |                          | TEMPERATURE. |   |                  |      |                |   |                         |  |  |    | Wind as deduced from Anemometers. |                                 |    |             |    |       |    |    |    |    | Rain |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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| Phases<br>of the<br>Moon. | Baro-<br>meter. | Mean<br>daily<br>therm.<br>(cor-<br>rected<br>and re-<br>ferred to<br>Fahren-<br>heit). | Of the Air.   |              |                 |                |   | Of the<br>Dew Point.    |                | Difference between<br>the Air Temperature<br>and Dew Point<br>Temperature. |                                   |                          |              | Degree<br>of<br>saturation<br>(Satu-<br>ration<br>100). | Of<br>Radiation. |      |                | Of the Water<br>of the Thames<br>at Deptford. |                         | Osler's.   |  |    |                                   | Pressure on the<br>Square Foot. |    | Robinson's. |    | Ozone |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 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|                           |                 |   | High-<br>est. | Low-<br>est. | Daily<br>Range. | Mean<br>value. | De-<br>parture<br>from<br>mean<br>value.<br>20 years. | Mean<br>daily<br>value. | Great-<br>est. | Least.   | High-<br>est in<br>Sun's<br>rays. | Low-<br>est in<br>Grass. | Low-<br>est. |   | A.M.             | P.M. | Great-<br>est. | Least.  | Mean<br>of 24<br>hours. | Horizontal<br>Movement<br>of the Air<br>on each<br>of<br>10 Years. | Depar-<br>ture from<br>Average<br>of<br>the<br>10 Years. |    |                                   |                                 |    |             |    |       |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 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| JANUARY.                  |                 |   |               |              |                 |                |   |                         |                |  |                                   |                          |              |   |                  |      |                |   |                         |  |  |    |                                   |                                 |    |             |    |       |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    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| SUN.                      | 29              | ..  | 29.828        | 36.2         | 24.6            | 11.6           | 31.0  | ..                      | 23.6           | 7.4  | 9.7                               | 4.0                      | 73           | 35.0  | 15.5             | 38.3 | 37.9           | ..  | ..                      | ..   | ..   | .. | ..                                | ..                              | .. | ..          | .. | ..    | .. | .. | .. | .. | ..   | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. 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The height of the eastern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

#### GENERAL REMARKS.

| DATE.       | ELECTRICITY.<br>(For explanation of<br>symbols, see Note.) | Registered<br>Sunshine,<br>in hours. | Horizon,<br>in hours. | GENERAL REMARKS.  |
|-------------|--|--------------------------------------|-----------------------|---|
| JANUARY.    |  |                                      |                       |   |
| SUNDAY      | 20   | 4.4                                  | 8.9                   | Cloudy with slight snow in morning; fine with small amounts of cloud afterwards.                              |
| MONDAY      | 30   | 0.4                                  | 9.0                   | Fine with variable amounts of cloud till afternoon; foggy in afternoon; overcast with slight snow at night.   |
| TUESDAY     | 31   | 1.1                                  | 9.0                   | Snow and rain in morning; fine but cloudy throughout afternoon and evening.                                   |
| WEDNESDAY   | 1  | 5.2                                  | 9.1                   | Overcast in morning, and a little snow fell; fine afterwards. Cloudless after 3h. P.M.                        |
| THURSDAY    | 2  | 0.0                                  | 9.2                   | Cloudless with hear frost in early morning; generally cloudy afterwards. Light snow fell at night. Very cold. |
| FRIDAY      | 3  | 0.0                                  | 9.2                   | Overcast generally.   |
| SATURDAY    | 4  | 0.0                                  | 9.3                   | Overcast generally. Slight fog prevailed in evening.  |
| No. of Col. | ..   | 28                                   | 30                    |   |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 6. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, FEBRUARY 11. [Price 1½d.

General Register Office, Somerset House,  
13th February, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 22·2 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |            |             | TOWNS.             | Weeks ending |             |            |             |
|--------------|--------------|-------------|------------|-------------|--------------------|--------------|-------------|------------|-------------|
|              | Jan.<br>21.  | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. |                    | Jan.<br>21.  | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. |
| Birkenhead   | 20·9         | 25·5        | 18·2       | 17·7        | Liverpool          | 21·6         | 21·1        | 18·4       | 22·8        |
| Birmingham   | 21·0         | 23·5        | 17·0       | 20·0        | London             | 24·4         | 22·1        | 23·1       | 22·4        |
| Blackburn    | 28·1         | 29·4        | 25·9       | 25·0        | Manchester         | 26·8         | 31·9        | 27·3       | 28·2        |
| Bolton       | 24·4         | 22·5        | 17·9       | 18·9        | Newcastle-on-Tyne* | 21·3         | 21·7        | 20·3       | 24·0        |
| Bradford*    | 19·5         | 15·9        | 13·4       | 19·3        | Norwich            | 20·6         | 29·0        | 24·5       | 24·5        |
| Brighton     | 17·0         | 14·3        | 24·8       | 15·2        | Nottingham*        | 25·3         | 21·0        | 18·8       | 22·6        |
| Bristol      | 18·2         | 27·0        | 21·9       | 17·7        | Oldham             | 18·5         | 20·8        | 21·1       | 24·2        |
| Cardiff*     | 23·1         | 22·1        | 21·6       | 23·1        | Plymouth           | 25·5         | 22·8        | 32·2       | 28·9        |
| Derby        | 20·1         | 15·2        | 22·2       | 16·8        | Portsmouth         | 28·8         | 17·9        | 24·3       | 25·4        |
| Halifax      | 24·7         | 20·2        | 20·8       | 17·6        | Preston            | 18·7         | 27·8        | 31·8       | 36·4        |
| Huddersfield | 20·0         | 18·8        | 22·8       | 17·7        | Salford*           | 21·7         | 19·6        | 19·4       | 21·9        |
| Hull         | 18·1         | 20·6        | 18·1       | 17·8        | Sheffield          | 25·0         | 26·4        | 22·1       | 24·3        |
| Leeds        | 19·2         | 22·1        | 19·5       | 19·2        | Sunderland         | 20·2         | 20·2        | 20·2       | 17·4        |
| Leicester*   | 19·2         | 21·7        | 21·3       | 19·9        | Wolverhampton      | 23·6         | 31·3        | 25·5       | 28·1        |

The highest annual death-rates from *measles*, measured by last week's mortality, were 1·1 in Derby, 2·2 in Blackburn, and 2·7 in Plymouth; from *scarlet fever*, 1·0 in Hull, 1·3 in Blackburn, and 1·9 in Oldham; from *whooping-cough*, 1·6 in Sunderland, 1·8 in Bolton, 1·9 in London and in Wolverhampton, and 2·6 in Portsmouth; and from "fever," 0·9 in Nottingham and 1·3 in Blackburn. The 56 deaths from *diphtheria* in the twenty-eight towns included 40 in London, 4 in Manchester, 2 in Liverpool, 2 in Oldham, and 2 in Huddersfield. *Small-pox* caused 31 deaths in Sheffield, 2 in Oldham, one in Bristol, one in Nottingham, and one in Leeds, but not one in London or in any of the twenty-two other large provincial towns.

## LONDON.

In LONDON† 2830 BIRTHS and 1838 DEATHS were registered. Allowing for increase of population, the births were 173, and the deaths 176, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 24·4, 22·1, and 23·1 in the three preceding weeks, declined again last week to 22·4. During the first six weeks of the current quarter the death-rate averaged 23·1 per 1000, and was 1·3 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1838 deaths included 15 from *measles*, 36 from *scarlet fever*, 40 from *diphtheria*, 154 from *whooping-cough*, 12 from *enteric fever*, 1 from an undefined

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonston, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



form of continued fever, 12 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 270 deaths were referred to these diseases, being 31 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 21. There were only 8 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last, and not one in the Highgate Small-pox Hospital. The death of a child, aged 2 years, in Fulham was attributed to chicken-pox. The fatal cases of *measles*, which had been 16 and 18 in the two preceding weeks, declined last week to 15, and were 14 below the corrected average. The deaths from *scarlet fever*, which had been 42, 29, and 39 in the three previous weeks, were 36 last week, and exceeded the corrected average by 5; 2 belonged to St. George Hanover Square, 2 to Pancras, 4 to Islington, 2 to Hackney, 2 to the City, 2 to Shoreditch, 2 to Whitechapel, 2 to Mile End Old Town, 2 to Wandsworth, and 3 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1453 scarlet fever patients (there were also 90 in the London Fever Hospital), against numbers declining in the ten preceding weeks from 2600 to 1558; 145 cases were admitted to the Metropolitan Asylum Hospitals during last week, against 133 and 96 in the two preceding weeks. The deaths from *diphtheria*, which had increased in the four previous weeks from 16 to 29, further rose last week to 40, a higher number than in any previous week on record, and exceeded the corrected average by 23; 4 belonged to Paddington, 2 to Kensington, 3 to Pancras, 2 to Islington, 2 to Hackney, 4 to Poplar, 2 to Bermondsey, 3 to Lambeth, 3 to Wandsworth, 3 to Camberwell, and 3 to Greenwich sanitary areas. The 154 fatal cases of *whooping-cough* showed a decline of 23 from the number in the previous week, but exceeded the corrected average by 47; 5 belonged to Fulham, 10 to Islington, 7 to Hackney, 4 to Clerkenwell, 5 to St. Luke's, 8 to Shoreditch, 16 to Bethnal Green, 7 to Stepney, 10 to Poplar, 15 to Wandsworth, 14 to Camberwell, and 8 to Greenwich sanitary areas. The 12 deaths attributed to *diarrhoea* and *dysentery* were 4 below the corrected average.

The deaths referred to *enteric fever*, which had been 13 and 26 in the two preceding weeks, declined again last week to 12, and were 4 below the corrected average; 2 belonged to Greenwich sanitary area. The death of a male, aged 32 years, in St. George's Hospital, was indefinitely referred to continued fever. The Metropolitan Asylum Hospitals contained 154 cases of enteric fever, and 2 of typhus, on Saturday last; 16 cases of enteric fever, but not one of typhus, were admitted during the week.

Eleven deaths were referred to puerperal fever, exceeding the corrected average by 2; 5 occurred in South London.

The deaths referred to diseases of the respiratory organs, which had been 591, 534, and 516 in the three preceding weeks, further declined last week to 504, and were 111 below the corrected average.

Different forms of violence caused 58 deaths; 54 were the result of negligence or accident, among which were 20 from fractures and contusions, 5 from burns and scalds, 2 from drowning, and 21 of infants under one year of age from suffocation. The 20 deaths from fractures and contusions were thus returned:—7 by accidents from vehicles in the street, 2 by accidents on railway, 1 by fall from loft, 2 by fall down stairs, 1 by fall from bed, 1 by fall while walking, 1 by fall down lift-hole, 2 by fall, the nature of which was not stated, 1 by fall of shot-tub, and 2 by injury from machinery. An inquest was held in each of these 20 cases. Four cases of suicide were registered.

On pages 55-56 will be found Dr. Frankland's report upon the quality of the waters supplied to the Metropolis by the various companies during January. The Thames waters delivered by the five companies drawing their supply from that source, which in December contained, for the winter season, an exceptionally small proportion of organic matter, showed a further improvement in this respect during January; all the samples were clear and bright. The waters, principally derived from the River Lea, distributed by the New River Company, again contained only a minute quantity of organic matter, and the East London Company's supply resembled the best of the Thames waters; both the samples were clear and bright. The solid residue and hardness of the East London Company's water showed a marked increase. The deep-well water supplied by the Kent and Colne Valley Companies contained as usual a very small proportion of organic matter, and the Colne Valley Company's water having been softened with lime was of excellent quality for all domestic purposes. The sample of water supplied by the Tottenham Local Board

contained considerably more organic matter than is either usually present in this supply, or than should be found in deep-well water generally.

### GREATER LONDON.

In Greater London 3692 births and 2361 deaths were registered, corresponding to annual rates of 34·8 and 22·3 per 1000 of the population. In the Outer Ring 48 deaths from whooping-cough, 12 from diphtheria, and 6 from scarlet fever were registered. Whooping-cough caused 15 deaths in West Ham, and 19 in Edmonton districts; diphtheria, 4 in Enfield and 4 in Walthamstow sub-districts; and scarlet fever, 2 in Hayes and 2 in Barking Town sub-districts.

### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·82 in.; the highest reading was 30·15 in. at the beginning, and the lowest 29·26 in. at the end of the week. The mean temperature of the *air* was 43°·6, and 3°·8 above the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on each of the first six days of the week, whereas it fell below the average on Saturday. The general direction of the *wind* was Westerly, and the horizontal movement of the air averaged 13·7 miles per hour, which was a tenth of a mile below the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·26 of an inch. The duration of registered bright sunshine in the week was 1·8 hours, against 5·5 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of JANUARY 1888; according to their returns 155,792,903 gallons or 707,838 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 212 gallons (96·3 decalitres), rather less than a *ton* by weight, to each house, and 27·2 gallons (12·4 decalitres) to each person, against 28·7 gallons during January 1887.

| COMPANIES.                            | Number of Houses, &c.<br>supplied in |                   | Average daily Supply of Water<br>in Gallons. |                   |
|---------------------------------------|--------------------------------------|-------------------|--|-------------------|
|                                       | JANUARY.<br>1887.                    | JANUARY.<br>1888. | JANUARY.<br>1887.                            | JANUARY.<br>1888. |
| <b>TOTAL SUPPLY</b> . . .             | 720,350                              | 733,734           | 161,178,489                                  | 155,792,903       |
| From Thames . . . . .                 | 347,280                              | 353,559           | 80,537,423                                   | 77,351,638        |
| From Lea and from other Sources . . . | 373,070                              | 380,175           | 80,641,061                                   | 78,441,265        |
| <b>THAMES.</b>                        |                                      |                   |  |                   |
| Chelsea . . . . .                     | 34,251                               | 34,435            | 9,178,683                                    | 9,331,642         |
| West Middlesex . . . . .              | 68,486                               | 69,959            | 14,414,632                                   | 13,962,116        |
| Southwark and Vauxhall . . . . .      | 107,335                              | 108,801           | 22,648,082                                   | 22,928,974        |
| Grand Junction . . . . .              | 52,844                               | 53,837            | 15,913,729                                   | 15,181,996        |
| Lambeth . . . . .                     | 84,464                               | 86,527            | 18,374,300                                   | 15,997,000        |
| <b>LEA AND OTHER SOURCES.</b>         |                                      |                   |  |                   |
| New River . . . . .                   | 148,163                              | 149,579           | 28,369,000                                   | 28,048,000        |
| East London . . . . .                 | 156,740                              | 160,357           | 40,152,067                                   | 39,299,516        |
| Kent . . . . .                        | 68,161                               | 70,239            | 12,119,994                                   | 11,093,749        |

*Note.*—The Return for January 1888, as compared with that for the corresponding month of 1887, shows an increase of 13,384 houses, and a decrease of 5,385,586 gallons of water supplied daily.

### ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JANUARY.

Grove House, Pembroke Square, W.,  
11th February, 1888.

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of January.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·7, New River 0·9, Colne Valley 1·2, Lambeth and East London 2·4, Tottenham 2·6, Grand Junction 2·6, West Middlesex 2·7, Southwark 3·2, Chelsea 3·2.

The Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies, which in December of last year exhibited a very small proportion of organic matter for the winter season, showed a further improvement in this respect during January. All the samples were clear and bright.

The water principally drawn from the river Lea, that distributed by the New River Company again contained only a very minute quantity of organic matter; whilst the East London Company's water supply resembled the best of the Thames waters. Both waters were clear and bright.



It is noticeable that the solid residue and hardness of the East London Company's water were markedly greater than usual.

The deep-well water by the Kent and Colne Valley Companies contained as usual only a very small proportion of organic matter, and the Colne Valley Company, by softening their supply with lime, thereby rendered it also of excellent quality for washing and all other domestic purposes.

The sample of water from the Tottenham Local Board of Health contained considerably more organic matter than is either usually present in this supply or than should be found in deep-well water generally.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and New River, clear and colourless; Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, East London, and Tottenham, pale yellow and clear.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town "maintained its late character for organic purity."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES. |                | Date<br>and Place of Collection.                                   | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|------------------------------------|----------------|--|---------------------------------------|---------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                      | THAMES.        |  | °                                     |                           |                 |                   |          |  |                             |           |                 |
|                                    | Chelsea        | { January 24th,<br>Cab Rank, Horseguards,<br>Whitehall. }          | 6·0                                   | 30·24                     | ·169            | ·020              | 0        | ·277                                     | ·297                        | 1·9       | 20·3            |
|                                    | West Middlesex | { January 24th,<br>Cab Rank, Portland-road. }                      | 6·7                                   | 29·84                     | ·137            | ·021              | 0        | ·283                                     | ·304                        | 1·8       | 20·0            |
|                                    | Southwark      | { January 24th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. } | 6·8                                   | 30·40                     | ·166            | ·020              | 0        | ·276                                     | ·296                        | 1·9       | 20·6            |
|                                    | Grand Junction | { January 24th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. } | 6·0                                   | 30·30                     | ·138            | ·016              | 0        | ·291                                     | ·307                        | 1·8       | 20·9            |
|                                    | Lambeth        | { January 24th,<br>Cab Rank, St. George's-<br>road, Southwark. }   | 5·8                                   | 30·46                     | ·129            | ·015              | 0        | ·312                                     | ·327                        | 1·9       | 21·2            |
| Outer Circle.                      | LEA.           |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | New River      | { January 24th,<br>Cab Rank, Tottenham<br>Court-road. }            | 6·4                                   | 31·36                     | ·089            | ·012              | 0        | ·319                                     | ·331                        | 1·8       | 23·0            |
|                                    | East London    | { January 24th,<br>Fire Brigade Station,<br>Commercial-road, E. }  | 6·3                                   | 37·00                     | ·127            | ·017              | 0        | ·339                                     | ·356                        | 2·1       | 27·8            |
|                                    | DEEP WELLS.    |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Kent           | { January 24th,<br>Mill Lane, Deptford. }                          | 12·4                                  | 41·46                     | ·032            | ·010              | 0        | ·474                                     | ·484                        | 2·5       | 32·0            |
|                                    | Colne Valley   | { January 28th,<br>Bushey. }                                       | —                                     | 16·66                     | ·053            | ·010              | 0        | ·379                                     | ·389                        | 1·8       | 7·0             |
|                                    | Tottenham      | { January 13th,<br>Tottenham. }                                    | —                                     | 42·40                     | ·130            | ·023              | ·020     | ·314                                     | ·353                        | 2·9       | 23·6            |
| Corporation of Birming-<br>ham*    |                | { January 9th,<br>74 & 75, Coventry-street. }                      | 6·7                                   | 26·74                     | ·195            | ·027              | 0        | ·187                                     | ·214                        | 1·4       | 20·4            |
| Corporation of Glasgow†.           |                | { January 16th,<br>Loch Katrine Water. }                           | 5·2                                   | 2·70                      | ·182            | ·026              | 0        | ·005                                     | ·031                        | ·7        | 1·1             |
| Column 1.                          |                | 2.   | 3.                                    | 4.                        | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—the Chelsea Company's water, collected on the 24th January at the Horseguards cab-rank, had a temperature of 6°·0 C.; 100,000 lbs. of it contained 30·24 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·169 lb. of carbon and ·020 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·277 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·297 lb. The above weight of water also contained 1·9 lbs. of chlorine; and 20·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE I.—BURNS, DEATHS, AND DEFECTS IN 10 GREAT TOWNS, DURING THE WEEK ENDING 11TH FEBRUARY, 1888.

[illegible]

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the SIXTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2584 | 2667 | 2701 | 2819 | 2951 | 2888 | 2714 | 2913 | 2739 | 2563 | 3003.1   | 2830 |
| Males . .           | 1330 | 1300 | 1369 | 1430 | 1535 | 1514 | 1417 | 1473 | 1363 | 1315 | 1531.7   | 1383 |
| Females .           | 1254 | 1367 | 1332 | 1389 | 1416 | 1374 | 1297 | 1440 | 1376 | 1248 | 1471.4   | 1447 |
| <b>TOTAL Deaths</b> | 1813 | 1839 | 2495 | 1633 | 2632 | 1631 | 1499 | 1525 | 1983 | 1418 | 2013.9   | 1838 |
| Males . .           | 900  | 893  | 1183 | 829  | 1324 | 817  | 809  | 766  | 972  | 697  | 1002.7   | 914  |
| Females .           | 913  | 946  | 1307 | 804  | 1308 | 814  | 690  | 759  | 1011 | 721  | 1011.2   | 924  |

\* The numbers in this column are the average weekly numbers in the sixth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Nov.<br>19. | Nov.<br>26. | Dec.<br>3. | Dec.<br>10. | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. |
|--|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|
| <b>TOTAL Births</b>                      | 2459        | 2632        | 2599       | 2497        | 2516        | 2406        | 2326        | 2845       | 2556        | 2638        | 2715        | 2688       | 2830        |
| <b>TOTAL Deaths</b>                      | 1638        | 1862        | 1705       | 1577        | 1625        | 1502        | 1832        | 1868       | 1940        | 2060        | 1816        | 1894       | 1838        |
| 0-20                                     | 757         | 884         | 792        | 763         | 755         | 764         | 893         | 860        | 815         | 872         | 849         | 907        | 807         |
| 20-40                                    | 252         | 287         | 199        | 202         | 196         | 171         | 216         | 202        | 257         | 228         | 215         | 210        | 205         |
| 40-60                                    | 273         | 292         | 282        | 245         | 291         | 227         | 324         | 341        | 327         | 386         | 304         | 319        | 293         |
| 60-80                                    | 298         | 374         | 361        | 300         | 316         | 280         | 361         | 379        | 441         | 417         | 365         | 368        | 440         |
| at 80 years & upwds.                     | 58          | 75          | 71         | 67          | 67          | 60          | 88          | 86         | 100         | 97          | 82          | 90         | 93          |
| Deaths of children { Under 1 year        | 379         | 423         | 358        | 345         | 342         | 362         | 458         | 387        | 367         | 403         | 394         | 413        | 394         |
| { 1-5                                    | 263         | 325         | 314        | 507         | 306         | 294         | 325         | 351        | 357         | 349         | 353         | 366        | 310         |
| { 5-20                                   | 115         | 136         | 120        | 111         | 107         | 103         | 110         | 122        | 111         | 120         | 102         | 128        | 103         |
| Deaths from Small-pox                    | -           | 1           | -          | -           | -           | -           | -           | -          | 1           | -           | -           | -          | -           |
| " Measles                                | 25          | 27          | 26         | 32          | 17          | 30          | 28          | 25         | 25          | 14          | 16          | 18         | 15          |
| " Scarlet fever                          | 41          | 54          | 54         | 42          | 41          | 39          | 40          | 37         | 25          | 42          | 29          | 39         | 36          |
| " Diphtheria                             | 25          | 31          | 28         | 27          | 23          | 24          | 22          | 28         | 16          | 22          | 29          | 29         | 40          |
| " Whooping-cough                         | 54          | 75          | 67         | 70          | 106         | 104         | 130         | 120        | 152         | 138         | 168         | 177        | 154         |
| " Typhus                                 | 1           | -           | 1          | -           | -           | -           | -           | 1          | -           | -           | -           | -          | -           |
| " Enteric fever                          | 23          | 18          | 23         | 30          | 18          | 15          | 19          | 28         | 22          | 26          | 13          | 26         | 12          |
| " Simple Cont <sup>d</sup> fever         | 1           | -           | -          | 1           | 2           | 1           | -           | 2          | 1           | 1           | 1           | 3          | 1           |
| " Diarrhœa and Dysentery                 | 11          | 18          | 14         | 12          | 12          | 8           | 12          | 12         | 11          | 15          | 11          | 15         | 12          |
| " Cholera                                | -           | -           | -          | -           | -           | -           | -           | -          | -           | -           | -           | -          | -           |
| Deaths from the above-mentioned Diseases | 181         | 224         | 213        | 214         | 219         | 221         | 251         | 253        | 253         | 253         | 267         | 307        | 270         |
| " Dis. of Respiratory System             | 461         | 560         | 455        | 408         | 413         | 357         | 442         | 502        | 579         | 591         | 534         | 516        | 504         |
| " Phthisis                               | 177         | 169         | 131        | 138         | 145         | 129         | 162         | 161        | 187         | 153         | 154         | 159        | 148         |
| " Dis. of Circulatory System             | 139         | 139         | 160        | 125         | 113         | 133         | 142         | 166        | 160         | 179         | 143         | 154        | 163         |
| Violent Deaths                           | 60          | 56          | 64         | 49          | 53          | 46          | 74          | 65         | 69          | 78          | 59          | 55         | 58          |
| Inquest Cases                            | 122         | 132         | 148        | 105         | 122         | 113         | 165         | 156        | 146         | 155         | 127         | 131        | 119         |
| Deaths in Public Institutions            | 380         | 385         | 386        | 317         | 373         | 316         | 380         | 366        | 436         | 413         | 381         | 383        | 403         |
| TEMPERATURE OF THE AIR                   |             |             |            |             |             |             |             |            |             |             |             |            |             |
| Mean                                     | 34.1        | 38.7        | 43.3       | 40.4        | 41.7        | 34.9        | 32.1        | 40.2       | 38.1        | 31.7        | 40.7        | 33.7       | 43.6        |
| Mean of Highest readings                 | 38.7        | 42.6        | 47.8       | 45.6        | 46.2        | 38.0        | 35.4        | 44.8       | 41.4        | 37.5        | 44.6        | 38.8       | 48.4        |
| Mean of Lowest readings                  | 29.4        | 33.6        | 38.5       | 35.4        | 36.3        | 31.1        | 28.0        | 35.4       | 34.3        | 30.7        | 36.8        | 27.6       | 38.9        |
| Humidity of the Air                      | 88          | 91          | 87         | 84          | 88          | 89          | 79          | 88         | 97          | 86          | 83          | 78         | 83          |
| Rain-fall in inches                      | 0.53        | 0.31        | 0.48       | 0.47        | 0.81        | 0.17        | 0.02        | 0.40       | 0.02        | 0.21        | 0.10        | 0.17       | 0.26        |
| Registered Sunshine (in hours)           | 11.0        | 0.2         | 7.4        | 2.9         | 5.8         | 1.9         | 6.2         | 4.1        | 0.0         | 2.5         | 3.0         | 11.1       | 1.8         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIsamborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTH Week of the Year 1898.

| CAUSES OF DEATH. | Corrected Averages for the 6th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 11th February 1888. |      |      |           |  |  |                  |  |                  |  | Corrected Averages for the 6th Weeks of the 10 years 1878-87.* | CAUSES OF DEATH. | Corrected Averages for the 6th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 11th February 1888. |  |                       |  |           |  |  |           |  |  | Corrected Averages for the 6th Weeks of the 10 years 1878-87.* |                  |  |                  |  |                  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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|                  |  | Deaths of Persons of the Ages                    |      |      |           |  |  |                  |  |                  |  |  |                  |  | Deaths of Persons of the Ages                    |  |                       |  |           |  |  |           |  |  |  |                  |  |                  |  |                  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                  |  | ALL AGES.  |      |      | Under 20. |  |  | 20 and under 40. |  | 40 and under 60. |  |  |                  |  | 60 and under 80.                                 |  | 80 Years and upwards. |  | ALL AGES. |  |  | Under 20. |  |  |  | 20 and under 40. |  | 40 and under 60. |  | 60 and under 80. |  | 80 Years and upwards. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                  |  |  | 0-1. | 1-5. | 5-20.     |  |  |                  |  |                  |  |  |                  |  |  |  |                       |  |           |  |  |           |  |  |  |                  |  |                  |  |                  |  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 0.048 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the cause of death cannot be certified that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the cause is returned as "not vaccinated."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE B. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Deaths<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |    | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |  |
|---|--|---|--|--|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----|----|-----------------------------------|---------------------------------|--|
|   |  |   |  |  | Deaths of                                 |                                    | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |     |    |                                   |                                 |  |
|   |  |   |  |  | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |     |    |                                   |                                 |  |
| LONDON . . . . .  |  | 3,815,704   | 2330                                   | 1833                                   | 394                                       | 533                                | -           | 15       | 36             | 40          | 154             | -       | 12                             | 1                            | 13         | 53        | 119            | 408 | 20 |                                   |                                 |  |
| WEST DISTRICTS . . . . .  |  | 669,633   | 479                                    | 316                                    | 61  | 104                                | -           | 4        | 3              | 8           | 22              | -       | 3                              | 1                            | 1          | 15        | 22             | 88  | 3  |                                   |                                 |  |
| NORTH DISTRICTS . . . . .   |  | 905,947   | 592                                    | 406                                    | 74  | 134                                | -           | 6        | 17             | 6           | 23              | -       | -                              | -                            | 2          | 10        | 24             | 95  | -  |                                   |                                 |  |
| CENTRAL DISTRICTS . . . . .   |  | 282,238   | 165                                    | 119                                    | 27  | 50                                 | -           | -        | -              | 4           | 12              | -       | -                              | -                            | -          | 6         | 8              | 31  | -  |                                   |                                 |  |
| EAST DISTRICTS . . . . .  |  | 692,738   | 687                                    | 396                                    | 91  | 100                                | -           | 1        | 6              | 7           | 40              | -       | 2                              | -                            | 2          | 15        | 41             | 104 | -  |                                   |                                 |  |
| SOUTH DISTRICTS . . . . .   |  | 1,263,148   | 1007                                   | 600                                    | 141                                       | 165                                | -           | 4        | 9              | 13          | 43              | -       | 5                              | -                            | 7          | 12        | 24             | 89  | 17 |                                   |                                 |  |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -   | -                                      | 1                                      | -   | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | -  |                                   |                                 |  |
| WEST DISTRICTS.   |  |   |  |  |   |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |    |                                   |                                 |  |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69888   | 57                                     | 33                                     | 4   | 16                                 | -           | -        | -              | 4           | -               | -       | -                              | -                            | -          | 1         | 3              | 11  | -  |                                   |                                 |  |
| St. John Paddington H - - G.J.  |  | 37330   | 16                                     | 18                                     | -   | 11                                 | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 1              | 4   | -  |                                   |                                 |  |
| Kensington Town W - - W.M.  |  | 120141  | 64                                     | 67                                     | 9   | 30                                 | -           | 1        | -              | 2           | 2               | -       | 1                              | -                            | -          | 1         | 2              | 24  | -  |                                   |                                 |  |
| Brompton HH - - W.M. & C.   |  | 48010   | 23                                     | 15                                     | 3   | 4                                  | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | 1   | 2  |                                   |                                 |  |
| St. Peter Hammersmith - - W.M.  |  | 7599  | 6                                      | 1                                      | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340   | 69                                     | 29                                     | 7   | 7                                  | -           | -        | -              | 1           | 4               | -       | 1                              | -                            | -          | 1         | 2              | 2   | -  |                                   |                                 |  |
| Fulham W - - W.M. & C.  |  | 42960   | 77                                     | 38                                     | 10  | 6                                  | -           | -        | 2              | -           | 5               | -       | -                              | -                            | 2          | 3         | 12             | -   | -  |                                   |                                 |  |
| Chelsea South HHH - - C.  |  | 30896   | 14                                     | 17                                     | 7   | 4                                  | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | 3   | -  |                                   |                                 |  |
| Chelsea North-west WHHHHH - C.  |  | 24925   | 25                                     | 10                                     | 1   | 4                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 7   | -  |                                   |                                 |  |
| Chelsea North-east - - C.   |  | 32807   | 19                                     | 13                                     | 6   | 2                                  | -           | -        | 1              | 1           | 1               | -       | -                              | -                            | -          | 1         | -              | -   | -  |                                   |                                 |  |
| May Fair WW - - G.J.  |  | 30353   | 6                                      | 14                                     | 1   | 6                                  | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | 6   | 1  |                                   |                                 |  |
| Belgrave WHHH - - C.  |  | 59220   | 35                                     | 25                                     | 5   | 6                                  | -           | -        | -              | -           | 2               | -       | -                              | 1                            | 1          | 4         | 4              | 13  | -  |                                   |                                 |  |
| St. John Westminster HHH - - C.   |  | 35498   | 29                                     | 19                                     | 5   | 4                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 4         | 5              | -   | -  |                                   |                                 |  |
| St. Margaret Westminster H - C.   |  | 24679   | 12                                     | 8                                      | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 5   | -  |                                   |                                 |  |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941   | 16                                     | 8                                      | 1   | 1                                  | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 1   | -  |                                   |                                 |  |
| St. Anne Soho HHHHHHH - N.R.  |  | 16903   | 11                                     | 1                                      | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| NORTH DISTRICTS.  |  |   |  |  |   |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |    |                                   |                                 |  |
| All Souls Marylebone HHHH - W.M.  |  | 26759   | 16                                     | 13                                     | 4   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 7   | -  |                                   |                                 |  |
| Cavendish Square HHHH - W.M.  |  | 14311   | 2                                      | 8                                      | 2   | 4                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | -  |                                   |                                 |  |
| Rectory Marylebone WH G.J. & W.M.   |  | 24309   | 15                                     | 6                                      | 1   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   | -  |                                   |                                 |  |
| St. Mary Maryleb. HHH G.J. & W.M.   |  | 21118   | 21                                     | 8                                      | 6   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 1   | -  |                                   |                                 |  |
| Christchurch Marylebone H - W.M.  |  | 33700   | 19                                     | 11                                     | 4   | 4                                  | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 1              | -   | -  |                                   |                                 |  |
| St. John Marylebone H - W.M.  |  | 33633   | 17                                     | 13                                     | 1   | 5                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -   | -  |                                   |                                 |  |
| Hampstead WWHHHH N.R. & W.M.  |  | 45452   | 19                                     | 15                                     | 2   | 3                                  | -           | -        | 3              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 3   | -  |                                   |                                 |  |
| Regent's Park Paneras H - W.M.  |  | 39115   | 14                                     | 9                                      | 1   | 3                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729   | 12                                     | 17                                     | 2   | 7                                  | -           | -        | 1              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | 11  | -  |                                   |                                 |  |
| Gray's Inn Lane HHH - N.R.  |  | 30247   | 22                                     | 7                                      | 2   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   | -  |                                   |                                 |  |
| Somers Town H - N.R.  |  | 34369   | 18                                     | 13                                     | 3   | 4                                  | -           | -        | -              | -           | 1               | -       | 1                              | -                            | -          | 1         | 2              | -   | -  |                                   |                                 |  |
| Camden Town WH - N.R.   |  | 17311   | 15                                     | 16                                     | 1   | 9                                  | -           | 1        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | 2              | 11  | -  |                                   |                                 |  |
| Kentish Town W - N.R.   |  | 67437   | 71                                     | 49                                     | 9   | 10                                 | -           | 1        | 1              | 1           | 2               | -       | -                              | -                            | -          | -         | -              | 9   | -  |                                   |                                 |  |
| Upper Holloway WWH - N.R.   |  | 67946   | 64                                     | 56                                     | 2   | 25                                 | -           | 3        | 1              | 1           | 1               | -       | -                              | -                            | 1          | 2         | 4              | 25  | -  |                                   |                                 |  |
| Islington South-west HH - N.R.  |  | 100976  | 65                                     | 43                                     | 8   | 15                                 | -           | 3        | -              | 1           | 6               | -       | -                              | -                            | -          | -         | -              | 1   | -  |                                   |                                 |  |
| Islington South-east - N.R.   |  | 61825   | 31                                     | 19                                     | 1   | 6                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -   | -  |                                   |                                 |  |
| Highbury H - N.R.   |  | 82048   | 27                                     | 19                                     | 3   | 6                                  | -           | -        | -              | -           | 3               | -       | -                              | -                            | -          | -         | 1              | 1   | -  |                                   |                                 |  |
| Stoke Newington H - N.R.  |  | 22781   | 18                                     | 10                                     | 2   | 2                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| Stamford Hill - E.L.  |  | 9277  | 8                                      | 3                                      | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| West Hackney - N.R.   |  | 37610   | 38                                     | 14                                     | 3   | 5                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -   | -  |                                   |                                 |  |
| Hackney WWHH - E.L. & N.R.  |  | 76911   | 68                                     | 48                                     | 8   | 11                                 | -           | 1        | 8              | 1           | 4               | -       | 1                              | -                            | -          | 2         | 3              | 21  | -  |                                   |                                 |  |
| South Hackney - E.L.  |  | 39583   | 22                                     | 19                                     | 8   | 3                                  | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | 1              | -   | -  |                                   |                                 |  |
| CENTRAL DISTRICTS.  |  |   |  |  |   |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |    |                                   |                                 |  |
| St. George Bloomsbury - N.R.  |  | 16381   | 5                                      | 3                                      | -   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| St. Giles South WH - N.R.   |  | 14364   | 20                                     | 8                                      | 4   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3   | -  |                                   |                                 |  |
| St. Giles North - N.R.  |  | 13837   | 6                                      | 2                                      | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508   | 10                                     | 5                                      | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3   | -  |                                   |                                 |  |
| St. Mary-le-Strand H - N.R.   |  | 7515  | -                                      | 1                                      | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| St. Clement Danes H - N.R.  |  | 8559  | 3                                      | 8                                      | 2   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | -  |                                   |                                 |  |
| Strand Union Workhouse, Edmont. co.   |  | -   | -                                      | 3                                      | -   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3   | -  |                                   |                                 |  |
| St. Geo. the Martyr HHHHHH N.R.   |  | 13871   | 8                                      | 4                                      | 1   | -                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 1   | -  |                                   |                                 |  |
| St. Andrew Eastern W - N.R.   |  | 10706   | 5                                      | 6                                      | 2   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | -  |                                   |                                 |  |
| Salmon Hill H - N.R.  |  | 6833  | 6                                      | 2                                      | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | -  |                                   |                                 |  |
| St. James Clerkenwell - N.R.  |  | 17516   | 8                                      | 2                                      | -   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| Amwell Clerkenwell - N.R.   |  | 13981   | 12                                     | 8                                      | 3   | 3                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| Pentonville - N.R.  |  | 14773   | 12                                     | 6                                      | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| Goodwell-street - N.R.  |  | 17605   | 15                                     | 6                                      | 3   | -                                  | -           | -        | -              | -           | 3               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| Old-street H - N.R.   |  | 11541   | 17                                     | 6                                      | 2   | 1                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| City-road HHL - N.R.  |  | 18623   | 13                                     | 13                                     | 5   | 3                                  | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 1              | 2   | -  |                                   |                                 |  |
| Whitecross-street - N.R.  |  | 9217  | 4                                      | 2                                      | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| Finsbury - N.R.   |  | 7453  | 1                                      | 1                                      | 1   | -                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| Holborn Union Workhouse, Mitcham. co.                                       |  | -   | -                                      | -                                      | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| St. Botolph H - N.R. & E.L.   |  | 11174   | 4                                      | 5                                      | -   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| Cripplegate - N.R.  |  | 7193  | 5                                      | 3                                      | 1   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |
| St. Sepulchre H - N.R.  |  | 5353  | 2                                      | 18                                     | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4   | 16 |                                   |                                 |  |
| St. Bride W - N.R.  |  | 8396  | -                                      | 3                                      | 2   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1   | -  |                                   |                                 |  |
| Allhallows Barking - N.R.   |  | 13686   | 3                                      | 5                                      | -   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | -  |                                   |                                 |  |
| Brown Street H - N.R.   |  | 6652  | 1                                      | -                                      | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  |                                   |                                 |  |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; W—A Workhouse Establishment receiving inmates from other Districts than that in which it stands see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts: G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London; and K., the Kent Company.

FEVER, DYPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
Saturday, the 4th February, 1888.

| The DEATHS registered in the Week include |             |       |   |                                  |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |  |
|---|-------------|-------|---|----------------------------------|----------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|--|
| REGISTRATION SUB-DISTRICTS.               |             |       | Enme-<br>rated<br>Popu-<br>lation,<br>1881. | Total Deaths during the<br>Week. | Total DEATHS during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |  |
|   |             |       |   |                                  |                                  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Summer con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unspecified Causes<br>of Death. |  |
| EAST DISTRICTS.                           |             |       |   |                                  |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |  |
| Holywell Shoreditch                       | N.R. & E.L. | 7376  | 3   | 5                                | -                                | 1                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| St. Leonard Shoreditch                    | H.L.*       | 14967 | 7   | 9                                | 1                                | 3                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | 5                                 | -                               |  |
| Easton New Town                           | N.R.        | 2-937 | 20  | 19                               | 1                                | 12                              | -                                   | -          | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | 9                                 | -                               |  |
| Easton Old Town                           | N.R.        | 28056 | 25  | 11                               | 6                                | 3                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 15                                | -                               |  |
| Waggerston                                | N.R. & E.L. | 46275 | 51  | 19                               | 9                                | 9                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Shedden-road                              | H.          | 21788 | 27  | 6                                | 1                                | -                               | -                                   | -          | -        | -              | -           | 3               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Green, Bethnal Green                      | W.H.L.*     | 47922 | 32  | 47                               | 11                               | 19                              | -                                   | -          | 1        | 1              | 5           | 6               | -       | -                              | -                            | -          | 1         | 6              | 19                                | -                               |  |
| Church, Bethnal Green                     | E.L.        | 29981 | 31  | 17                               | 7                                | -                               | -                                   | -          | -        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 2              | -                                 | -                               |  |
| Town, Bethnal Green                       | E.L.        | 16810 | 22  | 10                               | 7                                | -                               | -                                   | -          | -        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 2              | -                                 | -                               |  |
| Spitalfields                              | E.L. & N.R. | 22385 | 18  | 9                                | 3                                | 3                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | 8                                 | -                               |  |
| Mile End New Town                         | W           | 16493 | 20  | 15                               | 3                                | 3                               | -                                   | -          | -        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 2              | 8                                 | -                               |  |
| Whitechapel Church                        | H           | 17460 | 10  | 21                               | -                                | -                               | -                                   | -          | -        | 2              | 1           | 1               | -       | -                              | -                            | -          | 1         | 1              | 17                                | -                               |  |
| Goodman's Fields                          | E.L.        | 5713  | 5   | 1                                | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Alidgate                                  | N.R. & E.L. | 6102  | 4   | 1                                | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| St. George's, North                       | E.L.        | 88747 | 20  | 21                               | 7                                | 4                               | -                                   | -          | 1        | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 2              | 6                                 | -                               |  |
| St. John, St. George East                 | W           | 8410  | 7   | 6                                | -                                | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 6                                 | -                               |  |
| Redwall                                   | H.H.        | 14995 | 4   | 11                               | 3                                | -                               | -                                   | 1          | -        | 1              | 5           | -               | -       | -                              | -                            | -          | -         | 1              | 3                                 | -                               |  |
| Ratcliff                                  | E.L.        | 16107 | 9   | 4                                | 2                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |  |
| Lincolns                                  | E.L.        | 85041 | 20  | 11                               | 7                                | 1                               | -                                   | -          | -        | -              | 3           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |  |
| Mile End Old Town West                    | E.L.        | 27560 | 41  | 13                               | 4                                | 3                               | -                                   | -          | -        | -              | 3           | -               | -       | -                              | -                            | -          | 1         | 2              | -                                 | -                               |  |
| Mile End Old Town East                    | W.H.H.      | 67683 | 65  | 36                               | 1                                | 9                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | 10                                | -                               |  |
| Row                                       | E.L.        | 37074 | 24  | 50                               | 5                                | 5                               | -                                   | -          | -        | 2              | 3           | -               | -       | -                              | -                            | -          | 1         | 3              | -                                 | -                               |  |
| Templey                                   | W.H.H.      | 64369 | 49  | 50                               | 9                                | 9                               | -                                   | -          | -        | 1              | 5           | -               | -       | -                              | -                            | -          | 1         | 4              | 15                                | -                               |  |
| Poplar                                    | W.H.H.      | 68077 | 53  | 24                               | 4                                | 7                               | -                                   | -          | 1        | -              | 2           | -               | -       | -                              | -                            | -          | 2         | 6              | 1                                 | -                               |  |
| SOUTH DISTRICTS.                          |             |       |   |                                  |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |  |
| Christchurch Southwark                    | W.H.        | 15773 | 14  | 8                                | 2                                | 5                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 4                                 | -                               |  |
| St. Saviour Southwark                     | S.          | 14959 | 8   | 4                                | 3                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Kent-road                                 | S. & L.     | 21281 | 15  | 8                                | 2                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 | 1                               |  |
| Shedden-road                              | H.H.        | 14968 | 18  | 10                               | 3                                | 3                               | -                                   | -          | -        | 1              | 1           | -               | 1       | -                              | -                            | -          | -         | 1              | 4                                 | -                               |  |
| London-road                               | H.L.        | 21818 | 12  | 9                                | 3                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Trinity Newington                         | S. & L.     | 30472 | 15  | 9                                | 2                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |  |
| St. Peter Walworth                        | W           | 15866 | 66  | 25                               | 5                                | 9                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 6                                 | -                               |  |
| St. Mary Newington                        | L. & S.     | 21853 | 22  | 9                                | 1                                | 2                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |  |
| St. Olive                                 | W.H.        | 11966 | 7   | 16                               | 1                                | 3                               | -                                   | -          | 1        | 2              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 12                                | -                               |  |
| Leather Market                            | S. & L.     | 16800 | 5   | 3                                | 2                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| St. Mary Magdalen                         | W           | 12669 | 12  | 12                               | 3                                | 5                               | -                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |  |
| St. James Bermondsey                      | S.          | 14088 | 39  | 15                               | 5                                | 4                               | -                                   | -          | -        | -              | -           | -               | 1       | -                              | -                            | -          | 1         | 2              | -                                 | -                               |  |
| Southwark                                 | S. & K.     | 30024 | 40  | 16                               | 1                                | 6                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1              | -                                 | -                               |  |
| Waterloo-road 1st                         | H.          | 11795 | 12  | 2                                | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Waterloo-road 2nd                         | H.          | 16521 | 16  | 6                                | 1                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Canby Church 1st                          | H.          | 18776 | 15  | 17                               | 2                                | 3                               | -                                   | -          | -        | 2              | 1           | -               | -       | -                              | -                            | -          | 1         | 1              | 8                                 | 1                               |  |
| Canby Church 2nd                          | W.H.        | 21229 | 40  | 26                               | 2                                | 8                               | -                                   | 1          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 13                                | -                               |  |
| Kenington 1st                             | S. & L.     | 40529 | 33  | 16                               | 5                                | 6                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | 1                               |  |
| Kenington 2nd                             | S. & L.     | 36582 | 21  | 9                                | 1                                | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Kenington 3rd                             | L. & S.     | 62827 | 38  | 16                               | 6                                | 8                               | -                                   | -          | 2        | -              | 2           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |  |
| Kenwood                                   | W           | 16017 | 10  | 8                                | 2                                | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| East Battersea                            | S.          | 24675 | 63  | 14                               | 10                               | 3                               | -                                   | 1          | -        | -              | -           | 4               | -       | -                              | -                            | -          | -         | 1              | 8                                 | 1                               |  |
| West Battersea                            | W.H.        | 61887 | 62  | 18                               | 10                               | 11                              | -                                   | -          | 1        | -              | -           | 7               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Clapham                                   | H.          | 87420 | 19  | 2                                | 3                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Handsworth                                | W.H.L.      | 26004 | 28  | 15                               | 2                                | 6                               | -                                   | -          | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | 2              | 5                                 | -                               |  |
| Putney                                    | S.          | 18238 | 9   | 6                                | -                                | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1              | -                                 | -                               |  |
| Streatham                                 | L.          | 25558 | 12  | 18                               | 3                                | 5                               | -                                   | -          | -        | 3              | 2           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 1                               |  |
| Clapham                                   | L. & S.     | 5890  | 2   | 3                                | 1                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Clapham                                   | S. & L.     | 29104 | 45  | 40                               | 10                               | 7                               | -                                   | -          | 1        | -              | -           | 4               | -       | -                              | -                            | -          | -         | 1              | 8                                 | 1                               |  |
| Clapham                                   | S. & K.     | 71829 | 45  | 30                               | 9                                | 3                               | -                                   | -          | -        | -              | -           | 5               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                               |  |
| St. George Camberwell                     | L. & S.     | 50810 | 49  | 22                               | 6                                | 5                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                               |  |
| St. Paul Deptford                         | W.H.        | 76722 | 61  | 23                               | 10                               | 12                              | -                                   | 1          | 2        | 2              | 6           | -               | 3       | -                              | -                            | -          | 2         | 3              | 3                                 | 1                               |  |
| St. Nicholas Deptford                     | K.          | 7101  | 3   | 1                                | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Deptford West                             | H           | 21972 | 9   | 13                               | 5                                | 4                               | -                                   | -          | -        | -              | 2           | -               | -       | -                              | -                            | -          | 1         | 1              | 9                                 | 2                               |  |
| Deptford East                             | W.H.H.      | 24608 | 17  | 16                               | 4                                | 7                               | -                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |  |
| Deptford                                  | K.          | 7048  | 1   | 3                                | -                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Deptford                                  | K.          | 21559 | 8   | 8                                | 1                                | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |  |
| Deptford                                  | W.H.        | 19866 | 22  | 9                                | 2                                | 3                               | -                                   | 1          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |  |
| Deptford                                  | H           | 26076 | 24  | 6                                | 4                                | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 1                               |  |
| Deptford                                  | K.          | 16990 | 4   | 3                                | -                                | 1                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | 1                               |  |
| Deptford Dockyard                         | K.          | 15617 | 14  | 4                                | -                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Deptford Arsenal                          | H.H.        | 19148 | 18  | 8                                | 2                                | 3                               | -                                   | -          | 1        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                               |  |
| Deptford West                             | H           | 14009 | 8   | 6                                | 1                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 2                               |  |
| Deptford East                             | W           | 11241 | 50  | 13                               | 5                                | 5                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | 2                                 | -                               |  |
| Metropolitan Asylum Hospitals:            |             |       |   |                                  |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |  |
| Deptford                                  | -           | -     | -   | -                                | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Deptford Hill                             | -           | -     | -   | -                                | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |
| Deptford                                  | -           | -     | -   | -                                | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |  |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by, &c.—

- |   |   |
|---|---|
| <p> Marylebone Infirmary in Kensington Town sub-district.<br/> Central London Sick Asylum in Tottenham Court-road sub-district.<br/> Holborn Infirmary in Upper Holloway sub-district.<br/> London City Workhouse in Hackney sub-district.<br/> Holborn in Holborn New Town sub-district.<br/> Whitechapel in Mile End East and Western Eastern sub-dist.<br/> London City in Mile End Old Town Eastern sub-dist.<br/> and in Finsbury sub-district. </p> | <p> Stepney Workhouse in Bromley sub-district.<br/> Poplar &amp; Stepney Sick Asylum " " "<br/> Westminster Union Industrial School in West Battersea sub-district.<br/> Strand and Holborn Workhouses outside Registration London.<br/> Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. John, sub-districts and in Dartford, Edmonton, and West Ham sub districts outside Registration London. </p> |
|---|---|
- \* Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 11th February, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>in-<br>clud-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |    |   |                |                                   |                     |    |   |
|---|--------------------------------|---|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----|---|----------------|-----------------------------------|---------------------|----|---|
|   |                                |   |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |    |   | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes. |    |   |
|   |                                |   |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 50<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |    |   |                |                                   |                     |    |   |
| LONDON—OUTER RING   |                                |   |   |         |         | 370,924                                   | 950,957                             | 862         | 523      | 105            | 137         | -               | 3      | 6          | 12        | 48 | 3 | 4              | 8                                 | 19                  | 0  | 9 |
| 30:1  | Carshalton wL -                | 12258   | 21118   | 11      | 22      | 1   | 10                                  | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1 | -              | -                                 | -                   | 15 | - |
| 2   | Epsom (part of)* wW            | 9971  | 10710   | 8       | 6       | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1 | -              | -                                 | -                   | 1  | 1 |
| 37:1  | Godstone (part of)* -          | 2754  | 1235  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 38:1  | Croydon wWHL -                 | 20851   | 101241  | 77      | 88      | 7   | 14                                  | -           | -        | -              | -           | 1               | 1      | -          | -         | -  | 3 | 3              | 5                                 | 5                   | 1  | 1 |
| 2   | Mitcham w† -                   | 11697   | 17932   | 16      | 5       | 3   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 39:1  | Wimbledon HHH -                | 3220  | 15950   | 10      | 6       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 2   | Kingston WHH -                 | 8549  | 36354   | 20      | 22      | 5   | 11                                  | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | 1                                 | 4                   | -  | - |
| 3   | Esher (part of)* -             | 8601  | 9221  | 4       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 4   | Hampton H -                    | 4573  | 18539   | 6       | 6       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 40:1  | Richmond WH -                  | 2972  | 21302   | 10      | 11      | 1   | 7                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | 2                                 | 5                   | -  | - |
| 2   | Mortlake - - -                 | 2911  | 12331   | 12      | 6       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | 1 | 1              | -                                 | -                   | -  | - |
| 41:1  | Bromley (pt. of)* HH           | 15669   | 81142   | 23      | 6       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | 1 | 1              | -                                 | -                   | -  | 1 |
| 2   | Chislehurst (pt. of)* WHH      | 14307   | 15844   | 11      | 9       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 42:1  | Bexley H - - -                 | 13487   | 24134   | 14      | 8       | -   | 8                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 124:1   | Sunbury w - - -                | 11055   | 11685   | 11      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | - | -              | 1                                 | -                   | -  | - |
| 2   | Staines W - - -                | 13277   | 12089   | 5       | 9       | -   | 5                                   | -           | -        | -              | -           | -               | 1      | 1          | -         | -  | - | -              | 1                                 | 1                   | -  | - |
| 125:1   | Hillingdon WHH -               | 6029  | 10802   | 10      | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | 2                   | -  | - |
| 2   | Uxbridge - - -                 | 6178  | 3225  | -       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 3   | Hayes wHL - - -                | 14587   | 11523   | 4       | 5       | -   | -                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -  | - | -              | -                                 | -                   | 8  | - |
| 126:1   | Isleworth WHH -                | 7008  | 22737   | 14      | 14      | 3   | 5                                   | -           | -        | -              | -           | -               | 3      | -          | -         | -  | - | -              | -                                 | 1                   | -  | - |
| 2   | Twickenham H -                 | 2477  | 12479   | 8       | 4       | -   | -                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 3   | Brentford HL - -               | 4845  | 27649   | 9       | 16      | 7   | 4                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | - | -              | -                                 | 1                   | -  | - |
| 4   | Chiswick - - -                 | 1340  | 15975   | 18      | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 5   | Acton wH - - -                 | 6083  | 22376   | 12      | 6       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 127:1   | Harrow H - - -                 | 13809   | 12793   | 12      | 8       | -   | 1                                   | -           | 1        | -              | -           | -               | 2      | -          | -         | -  | - | -              | -                                 | 1                   | -  | - |
| 2   | Edgware H - - -                | 6904  | 3749  | 2       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 3   | Willesden - - -                | 4988  | 27453   | 31      | 19      | 8   | 3                                   | -           | 2        | -              | -           | -               | -      | -          | -         | -  | - | -              | 2                                 | -                   | -  | - |
| 4   | Hendon W - - -                 | 9382  | 10494   | 8       | 11      | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | 6                   | -  | - |
| 128:1   | South Mimms - -                | 15599   | 6391  | 8       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 2   | Barnet - - -                   | 5433  | 10092   | 6       | 5       | -   | -                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 3   | Finchley HL - -                | 4688  | 17616   | 9       | 13      | 5   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | 1                                 | 5                   | -  | - |
| 129:1   | Hornsey H - - -                | 3039  | 27078   | 31      | 10      | 2   | 3                                   | -           | -        | -              | -           | -               | 2      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 2   | Tottenham H - -                | 4642  | 49456   | 65      | 23      | 6   | 9                                   | -           | -        | 1              | -           | 9               | 1      | 2          | -         | -  | 2 | 2              | 3                                 | 1                   | -  | - |
| 3   | Edmonton wW† -                 | 7483  | 23463   | 20      | 17      | 1   | 3                                   | -           | -        | -              | -           | 3               | -      | -          | -         | -  | - | 1              | 5                                 | 1                   | -  | - |
| 4   | Enfield WH - - -               | 12653   | 19104   | 46      | 13      | 5   | 2                                   | -           | -        | 1              | 4           | 3               | -      | -          | -         | -  | - | -              | 1                                 | -                   | -  | - |
| 5   | Waltham Abbey -                | 11017   | 5348  | 2       | 7       | 1   | 1                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -  | - | 1              | -                                 | -                   | -  | - |
| 6   | Cheshunt - - -                 | 8490  | 7755  | 6       | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | 1  | - |
| 135:1   | Hatfield (part of)* -          | 3506  | 543   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 137:1   | Bushey - - -                   | 9331  | 6621  | 5       | 5       | 3   | -                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 136:1   | Stratford - - -                | 892   | 38605   | 26      | 18      | 7   | 4                                   | -           | -        | -              | -           | -               | 4      | -          | -         | -  | 1 | 1              | -                                 | -                   | -  | - |
| 2   | West Ham wWHLH† -              | 7351  | 101033  | 113     | 75      | 15  | 10                                  | -           | -        | -              | -           | 1               | 9      | 1          | 2         | -  | - | 1              | -                                 | 3                   | -  | - |
| 3   | Leyton wW - - -                | 4373  | 32430   | 65      | 19      | 7   | 8                                   | -           | -        | -              | -           | 1               | 2      | 1          | -         | -  | - | -              | 11                                | -                   | -  | - |
| 4   | Walthamstow H -                | 6520  | 25809   | 35      | 15      | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 137:1   | Chigwell (part of)* H          | 11761   | 9699  | 12      | 6       | 3   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 139:1   | Romford (part of)* -           | 6720  | 3411  | 7       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 2   | Ilford - - -                   | 8193  | 7645  | 8       | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | -  | - |
| 3   | Barking Town - -               | 4127  | 9203  | 20      | 8       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | - | -              | -                                 | -                   | 1  | - |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warringtonham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parishes of Ashstead and Headley (pop. 1265); 41:1, Bromley sub-district, except the parishes of Cadham and Knechtolt (pop. 1813); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Norton in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 11th February, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |                                   |  |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----------------------------------|--|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |                                   |  |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Deaths in Public<br>Institutions. |  |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16                                |  |  |  |
| GREATER LONDON            | 448,334  | 5,527,883                                      | 22·3  | 3·3                                   | 2361                             | 499                                       | 670  | -           | 18       | 42                | 52          | 202                 | 16     | 16         | 66        | 478                               |  |  |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 22·4  | 3·3                                   | 1838                             | 394                                       | 533  | -           | 15       | 36                | 40          | 154                 | 13     | 12         | 58        | 408                               |  |  |  |
| OUTER RING -              | 370,924  | 1,244,965                                      | 21·9  | 3·2                                   | 523                              | 105                                       | 137  | -           | 3        | 6                 | 12          | 48                  | 3      | 4          | 8         | 70                                |  |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,245,386 Persons.

| CITIES.                             | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of | DEATHS. Stillborn. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                       |
|-------------------------------------|---------------------------------------|-----------------------------|----------------------|--------------------|------------------------------------|--|
| CALCUTTA - -                        | 433,219                               | January 7                   | -                    | 307                | 35·9                               | Fevers 85; cholera 19; diarrhoeal diseases 60.       |
| BOMBAY - -                          | 773,196                               | " 17                        | 306                  | 307                | 23·4                               | Fevers 132; small-pox 6.                             |
| MADRAS - -                          | 308,777                               | December 30                 | 306                  | 331                | 43·3                               | Fevs. 78; chol. 12; d. dis. 58.                      |
|                                     |                                       | January 6                   | 312                  | 311                | 40·7                               | Fevers 65; cholera 24; diarrhoeal diseases 54.       |
| PARIS - - -                         | 3,260,945                             | February 4                  | 1221                 | 1187               | 27·6                               | Typd. fev. 25; sm.-pox 11; diph. and croup 51.       |
| BRUSSELS - -<br>(with 8 Faubourgs.) | 464,410                               | " 4                         | 194                  | 242                | 27·9                               | Typhus and typh. fev. 2; croup 6.                    |
| AMSTERDAM -                         | 389,916                               | " 4                         | 291                  | 182                | 24·2                               | Diphtheria 3; whooping-cgh. 6; typ. & typd. fev. 2.  |
| ROTTERDAM -                         | 193,680                               | " 4                         | 138                  | 119                | 31·3                               | Whooping-cough 2.                                    |
| THE HAGUE -                         | 140,410                               | " 4                         | 114                  | 62                 | 21·6                               | Croup 2.   |
| COPENHAGEN -                        | 300,000                               | January 31                  | 217                  | 130                | 22·6                               | Diph. 7; scar. fev. 7; typhoid fever 2.              |
| STOCKHOLM -                         | 216,807                               | " 28                        | 133                  | 103                | 25·9                               | Scarlet fever 6; typhoid fever 2.                    |
| CHRISTIANIA -                       | 134,000                               | February 4                  | 70                   | 100                | 38·8                               | Measles 26; diph. and croup 11; wh.-cough 4.         |
| ST. PETERSBURG                      | 928,016                               | January 27                  | -                    | 544                | 30·6                               | Typh. and typhd. fev. 28; meas. 18; diph 6; croup 8. |
| BERLIN - -                          | 1,413,663                             | " 21                        | 941                  | 561                | 20·7                               | Diph. 22; scar. fev. 5; typh. and typhd. fev. 10.    |
| HAMBURG(State)                      | 629,001                               | " 23                        | 398                  | 323                | 32·3                               | Typh. and typd. fev. 15; diph. & crp. 11; meas. 7.   |
| DRESDEN - -                         | 259,142                               | " 21                        | 133                  | 81                 | 16·3                               | Diphtheria and croup 4; typhus & typd. fev. 3.       |
| BRESLAU - -                         | 308,105                               | " 23                        | 205                  | 157                | 26·9                               | Diphtheria 10; croup 2.                              |
| MUNICH - -                          | 275,000                               | " 28                        | 184                  | 137                | 25·9                               | Diphtheria and croup 5; scarlet fever 2.             |
| VIENNA - -                          | 809,836                               | " 23                        | 494                  | 393                | 25·5                               | Diph. 3; scar. fev. 7; sm.-pox 3; meas. 11.          |
| PRAGUE - -                          | 295,857                               | February 4                  | -                    | 179                | 31·6                               | Small-pox 23; diph. 8; typhoid fever 4.              |
| BUDA-PESTH -                        | 442,787                               | January 28                  | 348                  | 284                | 33·4                               | Diphtheria and croup 17; typhus and typd. fev. 2.    |
| TRIESTE - -                         | 166,042                               | " 28                        | -                    | 123                | 41·0                               | Small-pox 14.  |
| ROME - -                            | 369,214                               | " 7                         | -                    | -                  | -                                  | -  |
| TURIN (11 days)-                    | 286,956                               | December 31                 | 226                  | 241                | 27·4                               | Sm.-pox 5; diphtheria 8.                             |
| VENICE - -                          | 148,880                               | January 28                  | 84                   | 122                | 42·9                               | Measles 3; diarrhoeal diseases 10.                   |
| CAIRO - -                           | 374,338                               | " 19                        | 439                  | 309                | 43·0                               | Typd. fev. 12; sm.-pox 3; wh.-cgh. 7; diar. dis. 95. |
| ALEXANDRIA -                        | 231,396                               | " 19                        | 248                  | 153                | 34·5                               | Diphtheria and croup 3; diar. diseases 35.           |
| NEW YORK -                          | 1,493,000                             | " 21                        | -                    | 749                | 26·2                               | Diphtheria 64; scarlet fever 26.                     |
| BROOKLYN -                          | 774,570                               | " 21                        | -                    | 326                | 22·0                               | Diphtheria 28; croup 11; scarlet fever 12.           |
| PHILADELPHIA -                      | 1,016,753                             | " 21                        | -                    | 485                | 22·3                               | Diphtheria 7; croup 6; sc. fev. 9; typd. fev. 11.    |
| BALTIMORE -                         | 437,155                               | " 21                        | -                    | 163                | 19·5                               | Diphtheria 8; croup 5; typd. fev. 2; meas. 6.        |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 11th FEBRUARY, 1888.  
[Under the Superintendence of the Astronomer Royal.]

[illegible]

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

correction has been applied to the readings to sea level and 9th P.M. The means of the observations are usually taken at 9th A.M.; noon; 3rd, 6th, and 9th P.M. The means of the readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1885 for the thermometers. With the corrected mean readings of the dry bulb thermometers, combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 3). The mean daily dew point temperature and degree of humidity are deduced (column 4). The mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-thermometer, Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 26 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. In reading the columns 9 and 25 it will be borne in mind that *+* indicates "*higher*," and *-* "*lower*" than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from a combination of both representative and extreme values. The symbols employed are:—*P*, positive; *N*, negative; *w*, weak; *m*, moderate; *s*, strong; and *v*, variable.

The numbers in column 20, derived from the Campbell-Stokes Sunshine Instrument, show the approximate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30.15 in. at the beginning of the week to 30.03 in. by 8 h. P.M. on the 6th; increased to 30.12 in. by 8 h. P.M. on the 7th; decreased to 29.76 in. by 8 h. P.M. on the 8th; increased to 30.28 in. by 8 h. P.M. on the 9th; and decreased to 29.76 in. by 8 h. P.M. on the 5th.

## GENERAL REMARKS.

| FEBRUARY. |    | in hours.  | in hours. | Remarks.   |
|-----------|----|--|-----------|--|
| SUNDAY    | 5  | w. P. generally.   | 0'3       | 9'3<br>Overcast with slight exceptions.  |
| MONDAY    | 6  | w. P. throughout   | 0'0       | 9'4<br>Cloudless for a short time in early morning; over-<br>cast during the greater part of the day.                              |
| TUESDAY   | 7  | m. P. generally  | 0'3       | 9'4<br>Overcast till afternoon; fine with little cloud after-<br>wards.  |
| WEDNESDAY | 8  | m. P. till 5h. A.M.;<br>w. N. till 8h.<br>w. P. afterwards.                      | 0'0       | 9'5<br>Overcast generally. Gentle rain fell in morning.  |
| THURSDAY  | 9  | w. P. throughout   | 0'7       | 9'6<br>Overcast and showery in morning; fine and par-<br>tially cloudy in afternoon; overcast after 3h. P.M.                       |
| FRIDAY    | 10 | m. P. in morning;<br>v. P. and v. S. till<br>evening; s. P. at night.            | 0'0       | 9'6<br>Gloomy in morning; overcast and showery till<br>evening; cloudless at night.  |
| SATURDAY  | 11 | s. P. till 1h. p.m.;<br>v. P. and v. N. till<br>5h. P.M.; s. P. after-<br>wards. | 0'5       | 9'7<br>Fine with little cloud in morning; overcast after-<br>wards. Rain fell during the afternoon, at times with<br>snow mingled. |
|           |    | Sum  | 1'3       | Sum<br>66'5  |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 7. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, FEBRUARY 18. [Price 1½d.

General Register Office, Somerset House,  
20th February, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 20·9 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |            |             |             | TOWNS.             | Weeks ending |            |             |             |
|--------------|--------------|------------|-------------|-------------|--------------------|--------------|------------|-------------|-------------|
|              | Jan.<br>28.  | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. |                    | Jan.<br>23.  | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. |
| Birkenhead   | 25·5         | 18·2       | 17·7        | 14·1        | Liverpool -        | 21·1         | 18·4       | 22·8        | 21·8        |
| Birmingham   | 23·5         | 17·0       | 20·0        | 20·5        | London -           | 22·1         | 23·1       | 22·4        | 20·6        |
| Blackburn -  | 29·4         | 25·9       | 25·0        | 26·3        | Manchester -       | 31·9         | 27·3       | 28·2        | 29·3        |
| Bolton -     | 22·5         | 17·9       | 18·9        | 17·5        | Newcastle-on-Tyne* | 21·7         | 20·3       | 24·0        | 20·0        |
| Bradford* -  | 15·9         | 13·4       | 19·3        | 15·4        | Norwich -          | 29·0         | 24·5       | 24·5        | 26·7        |
| Brighton -   | 14·3         | 24·8       | 15·2        | 23·0        | Nottingham*        | 21·0         | 18·8       | 22·6        | 18·8        |
| Bristol -    | 27·0         | 21·9       | 17·7        | 16·1        | Oldham -           | 20·8         | 21·1       | 24·2        | 25·3        |
| Cardiff* -   | 22·1         | 21·6       | 23·1        | 15·4        | Plymouth -         | 22·8         | 32·2       | 28·9        | 24·2        |
| Derby -      | 15·2         | 22·2       | 16·8        | 16·3        | Portsmouth -       | 17·9         | 24·3       | 25·4        | 19·8        |
| Halifax -    | 20·2         | 20·8       | 17·6        | 22·8        | Preston -          | 27·8         | 31·8       | 36·4        | 26·8        |
| Huddersfield | 18·8         | 22·8       | 17·7        | 16·6        | Salford* -         | 19·6         | 19·4       | 21·9        | 21·2        |
| Hull -       | 20·6         | 18·1       | 17·8        | 16·5        | Sheffield -        | 26·4         | 22·1       | 24·3        | 24·7        |
| Leeds -      | 22·1         | 19·5       | 19·2        | 22·3        | Sunderland -       | 20·2         | 20·2       | 17·4        | 14·2        |
| Leicester* - | 21·7         | 21·3       | 19·9        | 19·2        | Wolverhampton -    | 31·3         | 25·5       | 28·1        | 29·4        |

The highest annual death-rates from *measles*, measured by last week's mortality, were 1·3 in Wolverhampton, 1·4 in Nottingham, and 2·0 in Plymouth; from *scarlet fever*, 1·3 in Halifax, 1·5 in Oldham and in Preston, and 1·6 in Birkenhead; from *whooping-cough*, 1·3 in Brighton, 1·4 in Salford, and 1·5 in London; and from "fever," 1·1 in Nottingham and in Norwich. The 35 deaths from *diphtheria* in the twenty-eight towns included 18 in London, 5 in Liverpool, 2 in Birmingham, 2 in Manchester, 2 in Salford, and 2 in Oldham. *Small-pox* caused 30 deaths in Sheffield, 2 in Bristol, 2 in Leeds, one in London, one in Nottingham, and one in Manchester, but not one in any of the twenty-two other large provincial towns.

## LONDON.

In LONDON† 2569 BIRTHS and 1689 DEATHS were registered. Allowing for increase of population, the births were 330, and the deaths 218, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 23·1 and 22·4 in the two preceding weeks, further declined last week to 20·6. During the first seven weeks of the current quarter the death-rate averaged 22·7 per 1000, and was 1·5 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1689 deaths included 1 from small-pox, 14 from measles, 30 from scarlet fever, 18 from diphtheria, 122 from whooping-cough, 18 from enteric fever, 8 from

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



diarrhoea and dysentery, and not one from typhus, ill-defined forms of continued fever, or cholera; thus, 211 deaths were referred to these diseases, being 23 below the corrected average weekly number.

One death from *small-pox* was registered, the corrected average being 21; the death was of a child aged 2 years at 66, Arbery Road, Bethnal Green, the certificate giving no information as to the vaccination of the deceased. There were only 6 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last, and one in the Highgate Small-pox Hospital. The death of a child, aged 3 years, in the London Hospital, was referred to "varicella, bronchitis." The fatal cases of *measles*, which had been 18 and 15 in the two preceding weeks, further declined last week to 14, and were 18 below the corrected average. The deaths from *scarlet fever*, which had been 39 and 36 in the two preceding weeks, further declined last week to 30, but exceeded the corrected average by one; 3 belonged to Kensington, 3 to Marylebone, 3 to Pancras, 3 to Bethnal Green, 2 to Mile End Old Town, 2 to Lambeth, and 3 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1395 scarlet fever patients (there were also 75 in the London Fever Hospital), against numbers declining in the eleven preceding weeks from 2600 to 1453; 104 cases were admitted to the Metropolitan Asylum Hospitals during last week, against 133, 96, and 146 in the three preceding weeks. The deaths from *diphtheria*, which had increased in the five preceding weeks from 16 to 40, declined last week to 18, but exceeded the corrected average by 4; 12 belonged to South London, including 3 to Wandsworth, 4 to Camberwell, and 3 to Greenwich sanitary areas. The 122 fatal cases of *whooping-cough* showed a further decline from 177 and 153 in the two preceding weeks, but exceeded the corrected average by 20; 7 belonged to Hammersmith, 6 to Westminster, 10 to Islington, 8 to Hackney, 4 to Clerkenwell, 4 to St. Luke's, 8 to Shoreditch, 5 to Stepney, 12 to Wandsworth, 7 to Camberwell, and 8 to Greenwich sanitary areas. The 8 deaths attributed to *diarrhoea* and *dysentery* showed a further decline from recent weekly numbers, and were 7 below the corrected average.

The deaths referred to *enteric fever*, which had been 26 and 12 in the two preceding weeks, rose again last week to 18, and exceeded the corrected average by one; 3 belonged to Pancras, 2 to Hackney, and 3 to Poplar sanitary areas. The Metropolitan Asylum Hospitals contained 143 cases of enteric fever, and 2 of typhus, on Saturday last; 13 cases of enteric fever, but not one of typhus, were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had declined in the four preceding weeks from 591 to 504, further fell last week to 487, and were 57 below the corrected average.

Different forms of violence caused 39 deaths; 37 were the result of negligence or accident, among which were 16 from fractures and contusions, 4 from burns and scalds, and 11 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus returned:—5 by accidents from vehicles in the street, 1 by fall from window, 1 by fall from bed, 1 by fall from height, 1 by fall in yard, 1 by fall in room, 1 by fall in street, 2 by fall into ship's hold, 1 by fall at birth, and 1 by fall and 1 by blow, the nature of which was not stated. An inquest was held in each of these 16 cases. Two cases of suicide were registered, the corrected average being 7.

#### GREATER LONDON.

In Greater London 3324 births and 2147 deaths were registered, corresponding to annual rates of 31·4 and 20·3 per 1000 of the population. In the Outer Ring 46 deaths from whooping-cough, and 8 from diphtheria were registered. Whooping-cough caused 16 deaths in West Ham, and 13 in Edmonton districts. The fatal cases of diphtheria included 3 in Tottenham and 2 in West Ham sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·63 in.; the lowest reading was 29·26 in. at the beginning of the week, and the highest 29·94 in. on Thursday evening. The mean temperature of the *air* was 34°·1, and 4°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average throughout the week, the coldest day being Friday, when the deficiency was 6°·1. The general direction of the *wind* was northerly, and the horizontal movement of the *air* averaged 15·2 miles per hour, which was 2·6 above the average in the corresponding weeks of 16 years. *Rain* or *melted snow* was measured on four days of the week, to the aggregate amount of 0·38 of an inch. The duration of registered bright sunshine in the week was 5·6 hours, against 9·3 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. |      | Registered during<br>the Week ending<br>18th Feb., 1888. |     | Deaths of<br>Persons aged<br>1 Year of<br>Age. |    | Deaths from |    |    |     |     |     |             |          | Inquest Cases.    |     | Deaths in<br>Public<br>Institutions. |      | Causes of Death. |                      | TEMPERATURE OF THE AIR.            |             |                     |            | RAINFALL.            |        | CITIES<br>AND<br>BOROUGH. |
|---------------------------|---|------|--|-----|--|----|-------------|----|----|-----|-----|-----|-------------|----------|-------------------|-----|--------------------------------------|------|------------------|----------------------|------------------------------------|-------------|---------------------|------------|----------------------|--------|---------------------------|
|                           | 1.  | 2.   | 3.   | 4.  | 5.   | 6. | 7.          | 8. | 9. | 10. | 11. | 12. | Deaths from |          |                   | 13. | 14.                                  | 15.  | 16.              | From All<br>(Cause.) | From<br>Crisis in<br>Crisis, 6-12. | Mean.       |                     | In Inches. | In Centi-<br>metres. |        |                           |
|                           |   |      |  |     |  |    |             |    |    |     |     |     | Small-pox.  | Measles. | Scarlet<br>Fever. |     |                                      |      |                  |                      |                                    | Diphtheria. | Whooping-<br>cough. |            |                      | Fever. |                           |
| 28 Towns* -               | 9,898,273   | 5516 | 3764   | 797 | 969  | 37 | 38          | 61 | 35 | 170 | 40  | 24  | 112         | 229      | 631               | 68  | 20.9                                 | 2.2  | 45.7             | 19.2                 | 32.4                               | 0.22        | 0.44                | 1.12       | 24.                  | Cols.  | - 28 Towns.               |
| LONDON*                   | 4,282,921   | 2569 | 1689   | 360 | 448  | 1  | 14          | 30 | 18 | 122 | 18  | 8   | 39          | 88       | 358               | 15  | 20.6                                 | 2.6  | 41.0             | 29.8                 | 34.1                               | 1.17        | 0.38                | 0.97       | 23.                  |        | LONDON.                   |
| BRIGHTON -                | 119,983   | 56   | 53   | 8   | 18   | -  | -           | -  | -  | 3   | 1   | -   | 2           | 3        | 6                 | -   | 23.0                                 | 1.3  | 41.0             | 29.8                 | -                                  | -           | -                   | -          | 22.                  |        | BRIGHTON.                 |
| PORTSMOUTH -              | 189,575   | 74   | 53   | 9   | 14   | -  | -           | -  | -  | -   | -   | -   | 3           | 5        | 8                 | -   | 19.8                                 | 0.4  | -                | -                    | -                                  | -           | -                   | -          | 21.                  |        | PORTSMOUTH.               |
| NORWICH -                 | 93,675  | 65   | 48   | 6   | 16   | -  | -           | -  | -  | 2   | 2   | -   | -           | 3        | 5                 | -   | 26.7                                 | 2.2  | -                | -                    | -                                  | -           | -                   | -          | 20.                  |        | NORWICH.                  |
| PLYMOUTH -                | 93,675  | 41   | 36   | 8   | 10   | -  | 3           | -  | -  | -   | -   | -   | 1           | 3        | 1                 | -   | 24.2                                 | 2.0  | 45.7             | 28.8                 | 35.0                               | 1.67        | 0.55                | 1.40       | 19.                  |        | PLYMOUTH.                 |
| BRISTOL -                 | 77,674  | 41   | 36   | 8   | 10   | -  | 3           | -  | -  | -   | -   | -   | 2           | 4        | 14                | 2   | 16.1                                 | 0.7  | -                | -                    | -                                  | -           | -                   | -          | 18.                  |        | BRISTOL.                  |
| WOLVERHAMPTON -           | 226,510   | 110  | 70   | 13  | 22   | 2  | -           | -  | 1  | -   | -   | -   | 3           | 8        | 7                 | 1   | 29.4                                 | 1.9  | 40.0             | 20.0                 | 29.6                               | -1.33       | 0.12                | 0.80       | 23.                  |        | WOLVERHAMPTON.            |
| BIRMINGHAM -              | 81,691  | 44   | 46   | 10  | 14   | -  | 2           | -  | -  | -   | -   | -   | 1           | 3        | 7                 | 1   | 29.4                                 | 1.9  | 40.0             | 20.0                 | 29.6                               | -1.33       | 0.12                | 0.80       | 22.                  |        | BIRMINGHAM.               |
| LEICESTER -               | 447,912   | 271  | 176  | 56  | 32   | -  | 5           | -  | 2  | 3   | 2   | 3   | 5           | 18       | 23                | 2   | 20.5                                 | 1.7  | -                | -                    | -                                  | -           | -                   | -          | 21.                  |        | LEICESTER.                |
| NOTTINGHAM* -             | 146,790   | 92   | 54   | 13  | 15   | -  | 2           | -  | -  | 3   | -   | -   | 2           | 11       | 8                 | -   | 19.2                                 | 1.8  | 43.2             | 24.6                 | 33.5                               | 0.83        | 0.52                | 1.32       | 20.                  |        | NOTTINGHAM.               |
| DREBY -                   | 230,921   | 118  | 85   | 22  | 20   | 1  | 6           | 2  | -  | 1   | 5   | 1   | 1           | 9        | 1                 | 9   | 18.8                                 | 3.6  | -                | -                    | -                                  | -           | -                   | -          | 19.                  |        | DREBY.                    |
| BIRKENHEAD -              | 96,241  | 53   | 30   | 5   | 10   | -  | -           | 1  | -  | 2   | -   | -   | -           | 1        | 5                 | 1   | 16.3                                 | 1.6  | -                | -                    | -                                  | -           | -                   | -          | 18.                  |        | BIRKENHEAD.               |
| LIVERPOOL -               | 100,093   | 59   | 27   | 2   | 10   | -  | -           | 3  | -  | 1   | -   | -   | -           | 1        | 3                 | 1   | 14.1                                 | 2.1  | -                | -                    | -                                  | -           | -                   | -          | 17.                  |        | LIVERPOOL.                |
| ROLTON -                  | 569,738   | 321  | 250  | 56  | 40   | -  | -           | 5  | 5  | 6   | 4   | 1   | 9           | 9        | 49                | 13  | 21.8                                 | 1.8  | 40.3             | 25.5                 | 32.5                               | 0.28        | 0.34                | 0.86       | 23.                  |        | ROLTON.                   |
| MANCHESTER -              | 113,506   | 55   | 38   | 9   | 7  | -  | 1           | -  | -  | 2   | 2   | 1   | 1           | 3        | 2                 | 1   | 17.5                                 | 2.8  | -                | -                    | -                                  | -           | -                   | -          | 22.                  |        | MANCHESTER.               |
| SALFORD -                 | 378,164   | 259  | 212  | 42  | 53   | 1  | -           | 3  | 2  | 6   | 3   | -   | 10          | 21       | 35                | 1   | 29.3                                 | 2.1  | -                | -                    | -                                  | -           | -                   | -          | 21.                  |        | SALFORD.                  |
| OLDHAM -                  | 226,336   | 151  | 92   | 22  | 19   | -  | -           | 1  | 2  | 6   | -   | 3   | 4           | 5        | 11                | 2   | 21.2                                 | 2.8  | -                | -                    | -                                  | -           | -                   | -          | 20.                  |        | OLDHAM.                   |
| BLACKBURN -               | 138,220   | 95   | 67   | 13  | 10   | -  | 1           | 4  | 2  | 3   | -   | -   | -           | 6        | 4                 | 4   | 25.3                                 | 3.8  | -                | -                    | -                                  | -           | -                   | -          | 19.                  |        | BLACKBURN.                |
| PRESTON -                 | 119,059   | 86   | 60   | 11  | 13   | -  | 1           | 1  | 1  | 1   | 1   | 1   | 2           | 3        | 2                 | 2   | 26.3                                 | 2.2  | -                | -                    | -                                  | -           | -                   | -          | 18.                  |        | PRESTON.                  |
| HUDDESFIELD -             | 103,234   | 79   | 53   | 13  | 13   | -  | -           | 3  | 1  | 1   | -   | 2   | 2           | 4        | 2                 | 1   | 26.8                                 | 3.5  | 42.0             | 22.0                 | 32.4                               | 0.22        | 0.38                | 0.97       | 22.                  |        | HUDDESFIELD.              |
| HALIFAX -                 | 91,419  | 31   | 29   | 4   | 6  | -  | -           | -  | 1  | -   | -   | -   | -           | -        | 1                 | 2   | 16.6                                 | 0.6  | -                | -                    | -                                  | -           | -                   | -          | 21.                  |        | HALIFAX.                  |
| BRADFORD* -               | 80,138  | 35   | 35   | 7   | 10   | -  | -           | 2  | -  | 1   | -   | -   | -           | 1        | 7                 | 2   | 22.8                                 | 2.0  | -                | -                    | -                                  | -           | -                   | -          | 20.                  |        | BRADFORD.                 |
| LEEDS -                   | 229,721   | 102  | 68   | 14  | 24   | -  | -           | -  | -  | -   | -   | -   | 4           | 8        | 9                 | 1   | 15.4                                 | 0.2  | 40.4             | 19.2                 | 31.0                               | -0.56       | 0.22                | 0.56       | 19.                  |        | LEEDS.                    |
| SHEFFIELD -               | 351,210   | 196  | 150  | 28  | 51   | 2  | 1           | 1  | -  | 2   | 1   | -   | 7           | 9        | 17                | 2   | 22.3                                 | 1.0  | -                | -                    | -                                  | -           | -                   | -          | 18.                  |        | SHEFFIELD.                |
| HULL -                    | 321,711   | 171  | 152  | 30  | 40   | 30 | -           | 4  | 1  | 1   | -   | 1   | 7           | 8        | 21                | 5   | 24.7                                 | 6.0  | -                | -                    | -                                  | -           | -                   | -          | 17.                  |        | HULL.                     |
| SUNDERLAND -              | 202,359   | 101  | 64   | 16  | 22   | -  | -           | -  | -  | -   | -   | -   | 1           | 1        | 7                 | 5   | 16.5                                 | 0.3  | 42.0             | 23.0                 | 32.2                               | 0.11        | 0.72                | 1.83       | 22.                  |        | SUNDERLAND.               |
| NEWCASTLE* -              | 181,919   | 100  | 36   | 5   | 8  | -  | -           | -  | -  | -   | -   | -   | 1           | 1        | 4                 | 3   | -                                    | 14.2 | 0.8              | -                    | -                                  | -           | -                   | -          | 21.                  |        | NEWCASTLE.                |
| CARDIFF* -                | 159,003   | 109  | 61   | 11  | 17   | -  | 2           | -  | -  | 3   | -   | -   | 2           | 6        | 10                | 2   | 20.0                                 | 1.6  | 38.0             | 25.0                 | 31.1                               | -0.50       | 0.69                | 1.75       | 20.                  |        | CARDIFF.                  |
| EDINBURGH -               | 168,570   | 93   | 33   | 4   | 7  | -  | -           | 1  | -  | -   | -   | -   | 2           | 4        | 2                 | 2   | 15.4                                 | 0.5  | -                | -                    | -                                  | -           | -                   | -          | 19.                  |        | EDINBURGH.                |
| GLASGOW -                 | 292,753   | 160  | 106  | 16  | 23   | -  | 2           | 1  | 5  | 2   | -   | 2   | 3           | 9        | 20                | 31  | 21.1                                 | 2.4  | 40.8             | 14.5                 | 31.1                               | -0.50       | 0.51                | 1.30       | 18.                  |        | GLASGOW.                  |
| DUBLIN -                  | 526,058   | 324  | 262  | 61  | 46   | -  | 2           | 4  | 6  | 16  | 1   | 3   | 5           | 9        | 33                | 35  | 25.0                                 | 3.2  | 42.8             | 10.3                 | 30.9                               | -0.61       | 0.36                | 0.91       | 17.                  |        | DUBLIN.                   |
|                           | 353,082   | 217  | 175  | 23  | 47   | -  | 1           | 7  | 1  | 4   | 2   | 2   | 1           | 2        | 47                | 20  | 25.9                                 | 2.5  | 43.8             | 18.2                 | 32.0                               | 0.00        | 0.13                | 0.33       | 16.                  |        |                           |

\* See note on first page of this Return.



**TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the SEVENTH Weeks of Ten previous Years.**

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2447 | 2597 | 2659 | 2841 | 2674 | 2732 | 2649 | 2526 | 2849 | 2612 | 2899·1   | 2569 |
| Males . .           | 1253 | 1286 | 1346 | 1402 | 1367 | 1354 | 1363 | 1263 | 1512 | 1325 | 1469·5   | 1298 |
| Females .           | 1194 | 1311 | 1313 | 1439 | 1307 | 1378 | 1286 | 1258 | 1337 | 1287 | 1429·6   | 1271 |
| <b>TOTAL Deaths</b> | 1927 | 1646 | 2016 | 1564 | 2188 | 1525 | 1528 | 1497 | 2035 | 1560 | 1906·8   | 1689 |
| Males . .           | 980  | 806  | 1007 | 852  | 1065 | 766  | 788  | 765  | 1023 | 803  | 965·6  | 841  |
| Females .           | 947  | 840  | 1009 | 712  | 1123 | 759  | 740  | 732  | 1012 | 757  | 941·2  | 848  |

\* The numbers in this column are the average weekly numbers in the seventh weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

**TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.**

|  |   |   | Nov.<br>26. | Dec.<br>3. | Dec.<br>10. | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. |
|--|---|---|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|
| TOTAL Births                             | - | - | 2632        | 2599       | 2497        | 2516        | 2406        | 2326        | 2815       | 2556        | 2638        | 2715        | 2688       | 2830        | 2569        |
| TOTAL Deaths                             | - | - | 1862        | 1705       | 1577        | 1625        | 1502        | 1882        | 1868       | 1940        | 2000        | 1816        | 1894       | 1838        | 1689        |
| 0-20                                     | - | - | 884         | 792        | 763         | 755         | 764         | 893         | 860        | 815         | 872         | 849         | 907        | 807         | 763         |
| 20-40                                    | - | - | 237         | 199        | 202         | 196         | 171         | 216         | 202        | 257         | 228         | 215         | 210        | 205         | 178         |
| 40-60                                    | - | - | 292         | 282        | 245         | 291         | 227         | 324         | 341        | 327         | 386         | 304         | 319        | 293         | 300         |
| 60-80                                    | - | - | 374         | 361        | 300         | 316         | 280         | 361         | 379        | 441         | 417         | 366         | 368        | 440         | 353         |
| at 80 years & upwds.                     | - | - | 75          | 71         | 67          | 67          | 60          | 88          | 86         | 100         | 97          | 82          | 90         | 93          | 95          |
| Deaths of children { Under 1 year        | - | - | 423         | 358        | 345         | 342         | 362         | 458         | 387        | 367         | 403         | 394         | 413        | 394         | 360         |
| 1-5                                      | - | - | 325         | 314        | 307         | 306         | 294         | 325         | 351        | 337         | 349         | 353         | 366        | 310         | 304         |
| 5-20                                     | - | - | 136         | 120        | 111         | 107         | 108         | 110         | 122        | 111         | 120         | 102         | 128        | 103         | 99          |
| Deaths from Small-pox                    | - | - | 1           | -          | -           | -           | -           | -           | -          | 1           | -           | -           | -          | -           | 1           |
| " " Measles                              | - | - | 27          | 26         | 32          | 17          | 30          | 28          | 25         | 25          | 14          | 16          | 18         | 15          | 14          |
| " " Scarlet fever                        | - | - | 54          | 54         | 42          | 41          | 39          | 40          | 37         | 25          | 42          | 29          | 39         | 36          | 30          |
| " " Diphtheria                           | - | - | 31          | 28         | 27          | 23          | 24          | 22          | 28         | 16          | 22          | 29          | 29         | 40          | 18          |
| " " Whooping-cough                       | - | - | 75          | 67         | 70          | 106         | 104         | 130         | 120        | 152         | 138         | 168         | 177        | 153         | 122         |
| " " Typhus                               | - | - | -           | 1          | -           | -           | -           | 1           | -          | -           | -           | -           | -          | -           | -           |
| " " Enteric fever                        | - | - | 18          | 23         | 30          | 18          | 15          | 19          | 28         | 22          | 26          | 13          | 26         | 12          | 18          |
| " " Simple Cont'd fever                  | - | - | -           | -          | 1           | 2           | 1           | -           | 2          | 1           | 1           | 1           | 3          | 1           | -           |
| " " Diarrhoea and Dysentery              | - | - | 18          | 14         | 12          | 12          | 8           | 12          | 12         | 11          | 15          | 11          | 15         | 12          | 8           |
| " " Cholera                              | - | - | -           | -          | -           | -           | -           | -           | -          | -           | -           | -           | -          | -           | -           |
| Deaths from the above-mentioned Diseases | - | - | 224         | 213        | 214         | 219         | 221         | 251         | 253        | 253         | 258         | 267         | 307        | 269         | 211         |
| " " Dis. of Respiratory System           | - | - | 560         | 455        | 408         | 413         | 357         | 442         | 502        | 579         | 591         | 534         | 516        | 504         | 437         |
| " " Phthisis                             | - | - | 169         | 131        | 138         | 145         | 129         | 162         | 161        | 187         | 153         | 154         | 159        | 149         | 131         |
| " " Dis. of Circulatory System           | - | - | 139         | 160        | 125         | 113         | 133         | 142         | 166        | 160         | 179         | 143         | 154        | 163         | 127         |
| Violent Deaths                           | - | - | 56          | 64         | 49          | 53          | 46          | 74          | 65         | 69          | 78          | 59          | 55         | 58          | 39          |
| Inquest Cases                            | - | - | 132         | 148        | 105         | 122         | 113         | 165         | 156        | 146         | 155         | 127         | 131        | 119         | 88          |
| Deaths in Public Institutions            | - | - | 385         | 386        | 317         | 373         | 316         | 380         | 366        | 436         | 413         | 381         | 388        | 408         | 358         |
| TEMPERATURE OF THE AIR                   | - | - | -           | -          | -           | -           | -           | -           | -          | -           | -           | -           | -          | -           | -           |
| Mean                                     | - | - | 38·7        | 43·3       | 40·4        | 41·7        | 34·9        | 32·1        | 40·2       | 38·1        | 34·7        | 40·7        | 33·7       | 43·6        | 34·1        |
| Mean of Highest readings                 | - | - | 42·6        | 47·8       | 45·6        | 46·2        | 38·0        | 35·4        | 44·8       | 41·4        | 37·5        | 44·6        | 38·8       | 48·4        | 38·1        |
| Mean of Lowest readings                  | - | - | 33·6        | 38·5       | 35·4        | 36·3        | 31·1        | 28·0        | 35·4       | 34·3        | 30·7        | 36·8        | 27·6       | 38·9        | 31·1        |
| Humidity of the Air                      | - | - | 91          | 87         | 84          | 88          | 89          | 79          | 88         | 97          | 86          | 83          | 78         | 83          | 82          |
| Rain-fall in inches                      | - | - | 0·31        | 0·48       | 0·47        | 0·81        | 0·17        | 0·02        | 0·40       | 0·02        | 0·21        | 0·10        | 0·17       | 0·26        | 0·38        |
| Registered Sunshine (in hours)           | - | - | 0·2         | 7·4        | 2·9         | 5·8         | 1·9         | 6·2         | 4·1        | 0·0         | 2·5         | 3·0         | 11·1       | 1·8         | 5·6         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

**METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)**

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whiteledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTH Week of the Year 1888.

| CAUSES OF DEATH. |  | Corrected Averages for the 7th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 18th February 1888. |           |      |       |                  |                  |                  |                       |           |           | CAUSES OF DEATH. |  | Corrected Averages for the 7th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 18th February 1888. |                  |                  |                       |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                  |  |  | Deaths of Persons of the Ages                    |           |      |       |                  |                  |                  |                       |           |           |                  |  |  | Deaths of Persons of the Ages                    |                  |                  |                       |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |  | ALL AGES.  | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | ALL AGES. | Under 20. |                  |  |  | 20 and under 40.                                 | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |  |  |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |           | 0-1.      |                  |  |  |  |                  |                  |                       | 1-5. | 5-20. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ALL CAUSES -     |  | 1906·8   | 1639   | 360       | 304  | 99    | 178              | 300              | 353              | 95                    |           |           |                  |  |  |  |                  |                  |                       |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



TABLE 3. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include    |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
|---|--|--|--|--|--|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|
|   |  |  |  |  | Deaths of<br>Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
|   |  |  |  |  |  |                                     | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| LONDON . . . . .  |  | 3,815,704                                    | 2569                                   | 1689                                   | 360  | 448                                 | 1           | 14       | 30             | 18          | 122             | -       | 18                             | -                            | 8          | 39        | 83             | 358                               | 15                              |
| WEST DISTRICTS . . . . .  |  | 669,693                                      | 368                                    | 289                                    | 58   | 82                                  | -           | 2        | 8              | 1           | 19              | -       | 2                              | -                            | 3          | 4         | 15             | 72                                | -                               |
| NORTH DISTRICTS . . . . .   |  | 805,947                                      | 561                                    | 394                                    | 92   | 108                                 | -           | 7        | 13             | 3           | 24              | -       | 6                              | -                            | 1          | 8         | 21             | 79                                | 1                               |
| CENTRAL DISTRICTS . . . . .   |  | 282,238                                      | 181                                    | 139                                    | 25   | 40                                  | -           | -        | 1              | 1           | 10              | -       | 1                              | -                            | -          | 6         | 8              | 46                                | 1                               |
| EAST DISTRICTS . . . . .  |  | 692,738                                      | 577                                    | 336                                    | 73   | 85                                  | 1           | 2        | 4              | 1           | 23              | -       | 5                              | -                            | -          | 13        | 25             | 93                                | 6                               |
| SOUTH DISTRICTS . . . . .   |  | 1,265,148                                    | 932                                    | 529                                    | 112  | 133                                 | -           | 3        | 7              | 12          | 43              | -       | 4                              | -                            | 4          | 8         | 19             | 72                                | 7                               |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                      | 2                                      | -  | -                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                               |
| WEST DISTRICTS.   |  |  |  |  |  |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| St. Mary Paddington WHH G.J. & W.M.   |  | 669,693                                      | 50                                     | 26                                     | 7  | 11                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 7                                 | -                               |
| St. John Paddington H - - G.J.  |  | 87380  | 12                                     | 12                                     | 3  | 4                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | 6                                 | -                               |
| Kensington Town W - - - W.M.  |  | 120141                                       | 55                                     | 40                                     | 4  | 17                                  | -           | -        | 2              | -           | 2               | -       | 1                              | -                            | 1          | 1         | 3              | 8                                 | -                               |
| Brompton HH - - - W.M. & C.   |  | 48010  | 10                                     | 9                                      | -  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Peter Hammersmith - - - W.M.  |  | 7599   | 6                                      | 5                                      | -  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 64                                     | 37                                     | 11   | 6                                   | -           | -        | -              | 7           | -               | -       | -                              | -                            | -          | 1         | 3              | 1                                 | -                               |
| Fulham W - - - W.M. & C.  |  | 42900  | 49                                     | 38                                     | 13   | 8                                   | -           | 1        | 1              | -           | 3               | -       | -                              | -                            | -          | -         | 3              | 8                                 | -                               |
| Chelsea South HHH - - - C.  |  | 80396  | 11                                     | 12                                     | 1  | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                               |
| Chelsea North-west WHHHHH - - C.  |  | 54925  | 10                                     | 11                                     | 1  | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 5                                 | -                               |
| Chelsea North-east - - - C.   |  | 32807  | 22                                     | 18                                     | 8  | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |
| May Fair WW - - - G.J.  |  | 80353  | 6                                      | 15                                     | 1  | 9                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 12                                | -                               |
| Belgrave WHHH - - - C.  |  | 59220  | 23                                     | 29                                     | 4  | 6                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | 1          | -         | 1              | 16                                | -                               |
| St. John Westminster HHH - - C.   |  | 35496  | 28                                     | 12                                     | 4  | 1                                   | -           | -        | -              | -           | 4               | -       | -                              | -                            | 1          | -         | -              | 1                                 | -                               |
| St. Margaret Westminster H - - C.   |  | 24679  | 8                                      | 12                                     | -  | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 4                                 | -                               |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941  | 7                                      | 8                                      | -  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                               |
| St. Anne Soho HHHHHH - - N.R.   |  | 16698  | 7                                      | 5                                      | 1  | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                               |
| NORTH DISTRICTS.  |  |  |  |  |  |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 6                                      | 14                                     | -  | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 4                                 | -                               |
| Cavendish Square HHHH - - W.M.  |  | 14891  | 9                                      | 8                                      | -  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 9                                      | 8                                      | 4  | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 26                                     | 7                                      | 4  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | 1                            | -          | -         | -              | -                                 | -                               |
| Christchurch Marylebone H - - W.M.  |  | 33700  | 14                                     | 9                                      | 1  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |
| St. John Marylebone H - - W.M.  |  | 33633  | 10                                     | 12                                     | 5  | 1                                   | -           | -        | 2              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Hampstead WWHHHH N.R. & W.M.  |  | 45452  | 25                                     | 24                                     | 6  | 5                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 10                                | -                               |
| Regent's Park Pancras H - - W.M.  |  | 39115  | 27                                     | 13                                     | 3  | 3                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 15                                     | 13                                     | 3  | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | 6                                 | -                               |
| Gray's Inn Lane HHH - - N.R.  |  | 30247  | 22                                     | 17                                     | 5  | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1                                 | -                               |
| Somers Town H - - N.R.  |  | 84369  | 18                                     | 13                                     | 2  | 3                                   | -           | 1        | 1              | -           | 1               | -       | 1                              | -                            | -          | -         | 2              | -                                 | -                               |
| Camden Town WH - - N.R.   |  | 17811  | 18                                     | 20                                     | 4  | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 14                                | -                               |
| Kentish Town W - - N.R.   |  | 87487  | 50                                     | 36                                     | 3  | 10                                  | -           | 1        | 2              | 1           | 1               | -       | 1                              | -                            | -          | -         | 1              | 4                                 | -                               |
| Upper Holloway WWHH - - N.R.  |  | 67946  | 45                                     | 34                                     | 4  | 12                                  | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -          | -         | 1              | 16                                | -                               |
| Islington South-west HH - - N.R.  |  | 100976                                       | 74                                     | 33                                     | 10   | 5                                   | -           | 1        | 1              | -           | 4               | -       | -                              | -                            | -          | 1         | 3              | -                                 | -                               |
| Islington South-east - - N.R.   |  | 61825  | 27                                     | 21                                     | 8  | 6                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |
| Highbury H - - N.R.   |  | 52048  | 30                                     | 17                                     | 6  | 5                                   | -           | -        | -              | -           | 4               | -       | 1                              | -                            | -          | -         | 1              | 2                                 | -                               |
| Stoke Newington H - - N.R.  |  | 22781  | 12                                     | 10                                     | -  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | 1                               |
| Stamford Hill - - E.L.  |  | 9277   | 5                                      | 7                                      | 2  | 2                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| West Hackney - - N.R.   |  | 37610  | 25                                     | 15                                     | 4  | 4                                   | -           | 1        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | -                                 | -                               |
| Hackney WWHH - - E.L. & N.R.  |  | 76911  | 65                                     | 57                                     | 13   | 18                                  | -           | 1        | 8              | -           | 6               | -       | 1                              | -                            | -          | -         | -              | 16                                | -                               |
| South Hackney - - E.L.  |  | 39383  | 29                                     | 12                                     | 5  | 2                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 3              | -                                 | -                               |
| CENTRAL DISTRICTS.  |  |  |  |  |  |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| St. George Bloomsbury - - N.R.  |  | 16681  | 9                                      | 3                                      | 1  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Giles South WH - - N.R.   |  | 14864  | 10                                     | 7                                      | 1  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 6                                 | -                               |
| St. Giles North - - N.R.  |  | 13837  | 4                                      | 3                                      | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 9                                      | 11                                     | 1  | 1                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 7                                 | -                               |
| St. Mary-le-Strand H - - N.R.   |  | 7515   | 7                                      | 3                                      | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 4                                 | -                               |
| St. Clement Danes H - - N.R.  |  | 8559   | 8                                      | 9                                      | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 4                                 | -                               |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                      | 5                                      | -  | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 5                                 | -                               |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18871  | 7                                      | 10                                     | 2  | 3                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                               |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 7                                      | 16                                     | -  | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 5                                 | -                               |
| Saffron Hill H - - N.R.   |  | 6533   | 4                                      | 1                                      | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. James Clerkenwell - - N.R.  |  | 17516  | 17                                     | 5                                      | 2  | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |
| Amwell Clerkenwell - - N.R.   |  | 19281  | 10                                     | 5                                      | 2  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Pentonville - - N.R.  |  | 14773  | 10                                     | 5                                      | -  | -                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Goswell-street - - N.R.   |  | 17506  | 16                                     | 7                                      | 2  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Old-street H - - N.R.   |  | 11541  | 14                                     | 5                                      | 2  | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| City-road HHL - - N.R.  |  | 18628  | 21                                     | 17                                     | 6  | 1                                   | -           | -        | -              | 2           | -               | 1       | -                              | -                            | 1          | 1         | 4              | -                                 | -                               |
| Whitecross-street - - N.R.  |  | 9217   | 3                                      | 4                                      | 1  | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Finsbury - - N.R.   |  | 7463   | 3                                      | -                                      | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Holborn Union Workhouse, Mitham, w.   |  | -  | -                                      | 4                                      | -  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4                                 | -                               |
| St. Botolph H - - N.R. & E.L.   |  | 11174  | 10                                     | 5                                      | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Cripplegate - - N.R.  |  | 7193   | 1                                      | 2                                      | -  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Sepulchre H - - N.R.  |  | 5353   | 2                                      | 10                                     | 2  | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 8                                 | -                               |
| St. Bride W - - N.R.  |  | 8396   | 5                                      | 4                                      | 1  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | -              | -                                 | -                               |
| Alhallow's Barking - - N.R.   |  | 13666  | 2                                      | 7                                      | 1  | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Broad Street H - - N.R.   |  | 6682   | 2                                      | 1                                      | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 18th February, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |             | Enumerated<br>Popu-<br>lation,<br>1881. | Total Births during the<br>Week. | Total Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
|--------------------------------|-------------|---|----------------------------------|----------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|
|                                |             |   |                                  |                                  | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
|                                |             |   |                                  |                                  | Infants under<br>1<br>Year of Age.        | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| EAST DISTRICTS.                |             |   |                                  |                                  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| Jollywell Shoreditch           | N.R. & E.L. | 7376                                    | 5                                | 3                                | 1   | -                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Leonard Shoreditch         | HL*         | 14967                                   | 10                               | 8                                | 1   | 1                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | 4              | -                                 | -                               |
| Hoxton New Town                | N.R.        | 29837                                   | 19                               | 10                               | -   | 7                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | 1         | 6              | -                                 | -                               |
| Hoxton Old Town                | N.R.        | 28036                                   | 18                               | 10                               | 3   | 3                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | 2         | -              | -                                 | -                               |
| Haggerston WH                  | N.R. & E.L. | 46276                                   | 85                               | 35                               | 2   | 16                                  | -           | 1        | -              | 1           | 3               | -       | -                              | -                            | -          | 1         | 19             | 4                                 | -                               |
| Hackney-road H-                | E.L.        | 25738                                   | 21                               | 9                                | 2   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Green, Bethnal Green           | WHL*        | 47932                                   | 33                               | 56                               | 6   | 7                                   | 1           | -        | 1              | -           | 2               | -       | -                              | -                            | -          | -         | 6              | 1                                 | -                               |
| Church, Bethnal Green          | E.L.        | 20681                                   | 19                               | 10                               | 4   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | -                                 | -                               |
| Town, Bethnal Green            | E.L.        | 18810                                   | 15                               | 12                               | 7   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | -              | -                                 | -                               |
| Spitalfields                   | E.L. & N.R. | 22585                                   | 18                               | 9                                | 3   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Mill End New Town W            | E.L.        | 15473                                   | 17                               | 15                               | 2   | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 6              | -                                 | -                               |
| Whitechapel Church H           | E.L. & N.R. | 17490                                   | 17                               | 26                               | 2   | 3                                   | -           | -        | -              | -           | 1               | -       | 1                              | -                            | -          | 1         | 21             | -                                 | -                               |
| Goodman's Fields               | E.L.        | 9718                                    | 5                                | 1                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Aldgate                        | N.R. & E.L. | 6102                                    | 4                                | 2                                | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. George's, North            | E.L.        | 38747                                   | 39                               | 14                               | 8   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 2         | 4              | 1                                 | -                               |
| St. John, St. George East W    | E.L.        | 8410                                    | 4                                | 7                                | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                               |
| Shadwell HH                    | E.L. & N.R. | 10895                                   | 5                                | 7                                | 2   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 3              | -                                 | -                               |
| Ratcliff                       | E.L.        | 16107                                   | 6                                | 1                                | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Limehouse                      | E.L.        | 82041                                   | 31                               | 16                               | 5   | 1                                   | -           | 1        | -              | 4           | -               | 1       | -                              | -                            | -          | 1         | -              | -                                 | -                               |
| Mill End Old Town West         | E.L.        | 37660                                   | 38                               | 14                               | 2   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 4              | -                                 | -                               |
| Mill End Old Town East WHWH    | E.L.        | 67638                                   | 55                               | 25                               | 7   | 4                                   | -           | -        | -              | -           | 3               | -       | -                              | -                            | 2          | 3         | -              | -                                 | -                               |
| Row                            | E.L.        | 37074                                   | 29                               | 13                               | 2   | 5                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | -              | -                                 | -                               |
| Bromley WHH                    | E.L.        | 64389                                   | 52                               | 44                               | 4   | 15                                  | -           | -        | -              | -           | 1               | -       | 3                              | -                            | -          | 3         | 20             | -                                 | -                               |
| Poplar WHH                     | E.L.        | 55077                                   | 52                               | 19                               | 5   | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | -              | -                                 | -                               |
| SOUTH DISTRICTS.               |             |   |                                  |                                  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| Christchurch Southwark WH      | L. & S.     | 15663                                   | 10                               | 5                                | -   | 2                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | -              | -                                 | -                               |
| St. Saviour Southwark          | S.          | 14959                                   | 12                               | 4                                | 1   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Kent-road                      | S. & L.     | 21381                                   | 18                               | 8                                | 3   | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Borough-road WH                | S. & L.     | 18953                                   | 9                                | 7                                | 1   | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| London-road HL                 | L. & S.     | 21318                                   | 9                                | 9                                | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Trinity Newington              | S. & L.     | 26772                                   | 18                               | 8                                | 2   | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Peter Walworth W           | S. & L.     | 59555                                   | 36                               | 20                               | 4   | 6                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | -              | 1                                 | -                               |
| St. Mary Newington             | L. & S.     | 21623                                   | 18                               | 8                                | -   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Olive WH                   | S.          | 11956                                   | 4                                | 15                               | 2   | 3                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | 1         | 1              | 10                                | -                               |
| Leather Market                 | S. & L.     | 16300                                   | 15                               | 3                                | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | -                                 | -                               |
| St. Mary Magdalen W            | S.          | 16669                                   | 13                               | 7                                | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. James Bermondsey           | S.          | 54688                                   | 32                               | 17                               | 4   | 5                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | 1         | -              | -                                 | -                               |
| Rotherhithe WH                 | S. & K.     | 36024                                   | 30                               | 15                               | 3   | 2                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | 1          | -         | 2              | -                                 | -                               |
| Waterloo-road 1st H            | L. & S.     | 15195                                   | 14                               | 3                                | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                               |
| Waterloo-road 2nd H            | L. & S.     | 16221                                   | 17                               | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Lambeth Church 1st H           | L. & S.     | 18876                                   | 11                               | 14                               | 1   | 1                                   | -           | -        | -              | -           | 2               | -       | 1                              | -                            | -          | 2         | 11             | -                                 | -                               |
| Lambeth Church 2nd WH          | L. & S.     | 39849                                   | 37                               | 29                               | 5   | 9                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | 15                                | -                               |
| Kennington 1st                 | S. & L.     | 45232                                   | 20                               | 14                               | 3   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | -                                 | -                               |
| Kennington 2nd                 | S. & L.     | 36882                                   | 15                               | 21                               | 3   | 8                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                               |
| Brixton WH                     | L. & S.     | 62857                                   | 53                               | 21                               | 11  | 3                                   | -           | -        | -              | -           | 1               | -       | 1                              | -                            | -          | 1         | 1              | -                                 | -                               |
| Norwood W.                     | L.          | 19017                                   | 13                               | 6                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| East Battersea                 | S.          | 54675                                   | 47                               | 50                               | 4   | 3                                   | -           | -        | 1              | -           | 3               | -       | -                              | -                            | -          | 1         | -              | -                                 | -                               |
| West Battersea WHH             | S.          | 52387                                   | 41                               | 30                               | 7   | 7                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -          | 1         | 4              | -                                 | -                               |
| Clapham H                      | S.          | 26340                                   | 17                               | 11                               | 2   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Wandsworth WHL                 | S.          | 28004                                   | 27                               | 19                               | 8   | 5                                   | -           | -        | -              | -           | 4               | -       | -                              | -                            | -          | 1         | -              | -                                 | -                               |
| Putney                         | S.          | 18235                                   | 9                                | 4                                | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Streatham                      | L.          | 25553                                   | 14                               | 12                               | 6   | -                                   | -           | -        | -              | 2           | 4               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                               |
| Dulwich                        | L. & S.     | 5559                                    | -                                | 3                                | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Camberwell WL* L.              | S. & L.     | 39104                                   | 50                               | 24                               | 4   | 3                                   | -           | -        | 2              | 2           | -               | -       | -                              | -                            | -          | -         | 1              | 5                                 | -                               |
| Peckham W                      | S., L. & K. | 71089                                   | 53                               | 29                               | 3   | 9                                   | -           | -        | -              | -           | 4               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                               |
| St. George Camberwell          | L. & S.     | 50810                                   | 38                               | 18                               | 5   | 1                                   | -           | -        | -              | 1           | 3               | -       | -                              | -                            | -          | 2         | 2              | -                                 | 1                               |
| St. Paul Deptford WH           | K.          | 76732                                   | 67                               | 53                               | 8   | 4                                   | -           | 1        | 3              | -           | -               | 5       | -                              | -                            | -          | -         | -              | 3                                 | 1                               |
| St. Nicholas Deptford          | K.          | 7301                                    | 3                                | 3                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Greenwich West H               | K.          | 21972                                   | 18                               | 9                                | 4   | 2                                   | -           | 1        | -              | 1           | 3               | -       | -                              | -                            | -          | -         | -              | 9                                 | 1                               |
| Greenwich East WHH             | K.          | 24608                                   | 22                               | 21                               | 4   | 6                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Eltham H                       | K.          | 5048                                    | 5                                | 1                                | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Lee H                          | K.          | 21559                                   | 5                                | 6                                | -   | 2                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Lewisham WH                    | K.          | 19865                                   | 15                               | 15                               | -   | 4                                   | -           | 1        | -              | -           | -               | 1       | -                              | -                            | -          | 1         | 3              | -                                 | -                               |
| Sydenham H                     | L.          | 26076                                   | 25                               | 10                               | 3   | 1                                   | -           | -        | -              | -           | 1               | 2       | -                              | -                            | -          | -         | -              | -                                 | 1                               |
| Charlton H                     | K.          | 10930                                   | 2                                | 3                                | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Woolwich Dockyard              | K.          | 17617                                   | 17                               | 2                                | -   | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Woolwich Arsenal HH            | K.          | 19048                                   | 10                               | 10                               | 2   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Plumstead, West H              | K.          | 1409                                    | 10                               | 4                                | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Plumstead, East W              | K.          | 15241                                   | 14                               | 8                                | 4   | 2                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | 1          | 1         | -              | 2                                 | -                               |
| Metropolitan Asylum Hospitals: |             |   |                                  |                                  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| Dartford W                     | -           | -                                       | -                                | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |
| Winchmore Hill W               | -           | -                                       | -                                | -                                | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Plaistow W                     | -           | -                                       | -                                | -                                | -   | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by \*:-

Marylebone Infirmary in Kensington Town sub-district.  
 Central London Sick Asylum in Tottenham Court-road sub-district.  
 Upper Holloway sub-district.  
 London City Workhouse in Hoxton sub-district.  
 Hoxton New Town sub-district.  
 Mile End Old Town sub-district.  
 Mile End Old Town Eastern sub-district.  
 London City and Bromley sub-district.  
 Stepney Workhouse in Bromley sub-district.  
 Poplar & Stepney Sick Asylum in Poplar sub-district.  
 Westminster Union Industrial School in Westminster sub-district.  
 Strand and Holborn Workhouses outside Registration London.  
 Metropolitan Asylum District Hospital in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.  
 Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 18th February, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Aeres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                   |             |          |                |             |                 |        |            |           |                |                                   |                                 |
|---|----------------------------------|--|--|---------|---------|---|-----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|---------------------------------|
|   |                                  |  |  |         |         | Deaths of                                 |                                   | Deaths from |          |                |             |                 |        |            |           |                |                                   |                                 |
|   |                                  |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwds. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957                                      | 755     | 458     | 90  | 132                               | -           | 2        | 3              |             | 46              | 2      | 3          | 9         | 13             | 50                                | 10                              |
| 80:1  | Carshalton <i>wL</i> -           | 12238  | 21118  | 9       | 19      | 1   | 7                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 16                                | -                               |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710  | 6       | 2       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 37:1  | Godstone (part of)* -            | 2754   | 1235   | -       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 38:1  | Croydon <i>WwHHL</i> -           | 20351  | 101241                                       | 43      | 32      | 8   | 15                                | -           | -        | -              | -           | 2               | -      | 1          | 1         | 1              | 2                                 | -                               |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17932  | 16      | 3       | 1   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 39:1  | Wimbledon <i>HHH</i> -           | 3220   | 15950  | 12      | 6       | 2   | -                                 | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 | -                               |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354  | 22      | 23      | 1   | 11                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 7                                 | -                               |
| 3   | Esher (part of)* -               | 6601   | 9221   | 4       | 2       | 1   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 4   | Hampton <i>H</i> -               | 4573   | 18539  | 8       | 5       | 1   | -                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 40:1  | Richmond <i>WH</i> -             | 2272   | 21302  | 17      | 13      | -   | 5                                 | -           | -        | -              | -           | 2               | -      | -          | 1         | 1              | 3                                 | -                               |
| 2   | Mortlake -                       | 2941   | 12331  | 3       | 3       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                               |
| 41:1  | Bromley (pt. of)* <i>HH</i>      | 15669  | 31142  | 21      | 13      | 3   | 4                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844  | 9       | 13      | 2   | 6                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 2                                 | -                               |
| 42:1  | Bexley <i>H</i> -                | 13437  | 24134  | 12      | 7       | -   | 3                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 124:1   | Sunbury <i>w</i> -               | 11055  | 11685  | 2       | 2       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Staines <i>W</i> -               | 13277  | 12089  | 4       | 2       | 1   | -                                 | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | -                               |
| 125:1   | Hillingdon <i>WHH</i> -          | 6029   | 10802  | 6       | 3       | 1   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                               |
| 2   | Uxbridge -                       | 6178   | 3225   | 3       | 4       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Hayes <i>wHL</i> -               | 14537  | 11523  | 10      | 3       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 | -                               |
| 126:1   | Isleworth <i>WHH</i> -           | 7008   | 22727  | 18      | 7       | 2   | 2                                 | -           | -        | 1              | -           | -               | -      | -          | -         | -              | 2                                 | -                               |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479  | 8       | 1       | -   | -                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649  | 17      | 9       | 1   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 4   | Chiswick -                       | 1340   | 15975  | 16      | 7       | 4   | 1                                 | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | -                               |
| 5   | Acton <i>wH</i> -                | 6083   | 22376  | 16      | 5       | 2   | 1                                 | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | -                                 | -                               |
| 127:1   | Harrow <i>H</i> -                | 13909  | 12796  | 5       | 3       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                               |
| 2   | Edgware <i>H</i> -               | 6994   | 3749   | 2       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Willesden -                      | 4383   | 27453  | 36      | 24      | 5   | 3                                 | -           | -        | 1              | -           | 4               | -      | 1          | -         | -              | -                                 | -                               |
| 4   | Hendon <i>W</i> -                | 8332   | 10484  | 8       | 4       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 128:1   | South Mimms -                    | 15599  | 6391   | 3       | 2       | -   | 3                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Barnet -                         | 5483   | 10092  | -       | 1       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Finchley <i>HL</i> -             | 4688   | 17615  | 14      | 6       | -   | 1                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 2                                 | -                               |
| 129:1   | Hornsey <i>H</i> -               | 3039   | 37078  | 28      | 15      | -   | 8                                 | -           | -        | -              | -           | 2               | -      | -          | 1         | 1              | -                                 | -                               |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456  | 63      | 33      | 5   | 3                                 | -           | -        | -              | 3           | 7               | -      | -          | -         | -              | -                                 | 1                               |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23463  | 23      | 6       | -   | 3                                 | -           | -        | -              | -           | 3               | -      | -          | -         | -              | 1                                 | -                               |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104  | 13      | 11      | 2   | 1                                 | -           | -        | 1              | 1           | 1               | -      | -          | 1         | 1              | -                                 | -                               |
| 5   | Waltham Abbey -                  | 11017  | 5368   | 5       | 2       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1                               |
| 6   | Cheshunt -                       | 8480   | 7735   | 7       | 4       | -   | 3                                 | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 135:1   | Hatfield (part of)* -            | 3306   | 583  | -       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 137:1   | Bushey -                         | 9331   | 6621   | 4       | 2       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 138:1   | Stratford -                      | 882  | 38606  | 28      | 19      | 6   | 4                                 | -           | -        | -              | -           | 5               | 1      | -          | 1         | 1              | -                                 | -                               |
| 2   | West Ham <i>wowwH†</i> -         | 7351   | 101053                                       | 132     | 72      | 25  | 13                                | -           | 1        | -              | 2           | 6               | -      | -          | 1         | 2              | -                                 | 6                               |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430  | 43      | 37      | 9   | 14                                | -           | -        | -              | -           | 4               | -      | -          | -         | -              | 13                                | 1                               |
| 4   | Walthamstow <i>H</i> -           | 6590   | 28869  | 41      | 17      | 2   | 6                                 | -           | -        | -              | 1           | 1               | -      | -          | 2         | 2              | -                                 | -                               |
| 137:1   | Chigwell (part of)* <i>H</i>     | 11761  | 9669   | 5       | 2       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 139:1   | Romford (part of)* -             | 6730   | 3411   | 2       | 3       | 3   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Ilford -                         | 8493   | 7645   | 6       | 2       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Barking Town -                   | 4127   | 9203   | 5       | 8       | 2   | 2                                 | -           | -        | -              | -           | 1               | -      | 1          | -         | -              | -                                 | -                               |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district.  
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).  
 ‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 18th February, 1888.**

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16. |  |                                   |  |  |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 20·3  | 2·6                                   | 2147                             | 450                                       | 580  | 1           | 16       | 33                | 26          | 168                 | 20     | 11        | 48        | 408 |  |                                   |  |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 20·6  | 2·6                                   | 1689                             | 360                                       | 448  | 1           | 14       | 30                | 18          | 122                 | 18     | 8         | 39        | 358 |  |                                   |  |  |
| OUTER RING -              | 370,924  | 1,244,965                                      | 19·2  | 2·7                                   | 458                              | 190                                       | 132  | -           | 2        | 3                 | 8           | 46                  | 2      | 3         | 9         | 50  |  |                                   |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

**TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,259,145 Persons.**

| CITIES.                           | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|-----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA -                        | 433,219                               | January 14                  | -                               | 265     | 31·9                               | Fevers 74; cholera 32; diarrhoeal diseases 39.        |
| BOMBAY -                          | 773,196                               | " 24                        | 293                             | 370     | 21·8                               | Fevers 113; cholera 2; small-pox 12.                  |
| MADRAS -                          | 398,777                               | " 13                        | 270                             | 377     | 49·3                               | Fevers 84; cholera 18; small-pox 2.                   |
| PARIS -                           | 2,260,945                             | February 11                 | 1251                            | 1181    | 26·3                               | Typhoid fever 9; diph. & croup 52; small-pox 13.      |
| BRUSSELS -<br>(with 8 Faubourgs.) | 454,410                               | " 11                        | 276                             | 208     | 23·8                               | Diphtheria 5; group 6.                                |
| AMSTERDAM -                       | 389,916                               | " 11                        | 275                             | 240     | 32·0                               | Diphtheria 4; croup 8; typhus and typh. fev. 2.       |
| ROTTERDAM -                       | 193,660                               | " 11                        | 146                             | 104     | 27·4                               | -   |
| THE HAGUE -                       | 149,410                               | " 11                        | 122                             | 86      | 29·9                               | Whooping-cough 2.                                     |
| COPENHAGEN -                      | 500,000                               | " 7                         | 211                             | 134     | 23·3                               | Diph. 5; scar. fev. 5; whooping-cough 6.              |
| STOCKHOLM -                       | 216,807                               | " 4                         | 146                             | 122     | 29·3                               | Diphtheria and croup 3; scarlet fever 6.              |
| CHRISTIANIA -                     | 134,000                               | " 11                        | 53                              | 62      | 24·9                               | Diphtheria and croup 6; measles 7.                    |
| ST. PETERSBURG                    | 928,016                               | " 4                         | -                               | 645     | 36·3                               | Typh. and typhd. fev. 26; diph. 13; meas. 20.         |
| BERLIN -                          | 1,413,603                             | January 28                  | 930                             | 544     | 20·1                               | Typh. and typhd. fev. 8; diph. 11; meas. 6.           |
| HAMBURG (State)                   | 529,091                               | February 4                  | 362                             | 238     | 28·4                               | Typhus & typh. fev. 12; diph. & crp. 10; meas. 12.    |
| DRESDEN -                         | 269,142                               | January 28                  | 178                             | 106     | 21·3                               | Diphtheria and croup 4.                               |
| BRISLAU -                         | 308,105                               | February 4                  | 226                             | 179     | 30·7                               | Diphtheria 7.   |
| MUNICH -                          | 275,000                               | " 4                         | 191                             | 152     | 28·7                               | Diphtheria and croup 6; whooping-cough 7.             |
| VIENNA -                          | 800,836                               | " 4                         | 552                             | 412     | 26·7                               | Diphtheria 4; measles 8; small-pox 2.                 |
| PRAGUE -                          | 295,857                               | " 11                        | -                               | 195     | 34·4                               | Small-pox 21; diph. 7; typhus & typhd. fev. 6.        |
| BUDA-PESTH -                      | 442,787                               | " 4                         | 311                             | 303     | 35·9                               | Diphtheria 6; croup 7; tp. & typhd. fev. 4; s.-pox 1. |
| TRIESTE -                         | 166,042                               | " 4                         | -                               | 128     | 42·7                               | Small-pox 5; diph. and croup 5.                       |
| ROME -                            | 382,973                               | January 7                   | 320                             | 216     | 29·4                               | Sm.-pox 6; diphtheria 4; scarlet fever 2.             |
| TURIN (10 days)-                  | 286,956                               | " 10                        | 253                             | 276     | 34·5                               | Diphtheria 9; scarlet fever 3.                        |
| VENICE -                          | 148,380                               | February 4                  | 104                             | 107     | 37·6                               | -   |
| CAIRO -                           | 374,338                               | January 26                  | 380                             | 302     | 42·0                               | Small-pox 1; typhoid fever 4; diar. dis. 92.          |
| ALEXANDRIA -                      | 231,396                               | " 26                        | 249                             | 164     | 37·0                               | Diarrhoeal diseases 32.                               |
| NEW YORK -                        | 1,483,000                             | " 28                        | -                               | 802     | 28·0                               | Diph. 54; scar. fev. 27; small-pox 3.                 |
| BROOKLYN -                        | 774,870                               | " 28                        | -                               | 360     | 24·2                               | Diph. 28; croup 13; scar. fever 15; small-pox 1.      |
| PHILADELPHIA -                    | 1,016,758                             | " 28                        | -                               | 458     | 23·5                               | Diphtheria 9; croup 7; typhoid fever 14.              |
| BALTIMORE -                       | 437,155                               | " 28                        | -                               | 187     | 22·3                               | Diphtheria 2; croup 5; measles 6.                     |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 18th FEBRUARY, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |                     | TEMPERATURE.  |              |                 |                         | Difference between the Air Temperature and Dew Point Temperature. |                         |   |        | Degree of Humidity (Saturation equals 100). |                            | TEMPERATURE.  |              |                            |             | Wind as deduced from Anemometers. |        |                              |  | Rain collected in a Gauge whose surface is 5 inches above Ground. |              |             |     |    |
|----------------|---------------------|---------------|--------------|-----------------|-------------------------|---|-------------------------|---|--------|---|----------------------------|---------------|--------------|----------------------------|-------------|-----------------------------------|--------|------------------------------|--|---|--------------|-------------|-----|----|
| Month and Day. | Phases of the Moon. | Of the Air.   |              |                 |                         | Of the Dew Point.   |                         | Difference between the Air Temperature and Dew Point Temperature. |        | Degree of Humidity (Saturation equals 100). |                            | Of Radiation. |              | Of the Thames at Deptford. |             | General Direction.                |        | Pressure on the Square Foot. |  | Robinson's.   |              | Ozone.      |     |    |
|                |                     | High-<br>est. | Low-<br>est. | Daily<br>Range. | Mean<br>daily<br>value. | De-<br>parture<br>from<br>Average<br>of<br>20 years.              | Mean<br>daily<br>value. | Great-<br>est.  | Least. | High-<br>est in<br>Days.                    | Lowest<br>on the<br>Grass. | High-<br>est. | Low-<br>est. | A.M.                       | P.M.        | Great-<br>est.                    | Least. | Mean<br>hourly<br>Obs.       | Horizontal<br>Movement<br>of the<br>Air<br>on each<br>Day. | Departure<br>from<br>Average<br>of the<br>10 years.               |              |             |     |    |
| FEBRUARY.      |                     |               |              |                 |                         |   |                         |   |        |   |                            |               |              |                            |             |                                   |        |                              |  |   |              |             |     |    |
| SUN.           | 12                  | 37.4          | 31.0         | 6.4             | 33.7                    | — 5.2   | 28.0                    | 5.7   | 7.7    | 79  | 42.7                       | 23.4          | 40.6         | 40.1                       | WSW. & WNW. | NW. & WSW.                        | 0.4    | 0.0                          | 0.0  | 23.4  | — 81         | in.         | 1.5 |    |
| MON.           | 13                  | 40.5          | 29.8         | 10.7            | 34.7                    | — 4.1   | 28.9                    | 5.8   | 13.1   | 79  | 76.2                       | 23.0          | 40.2         | 39.9                       | SW. & WSW.  | WSW. ENE. & SE.                   | 3.0    | 0.0                          | 0.2  | 28.0  | — 80         | 0.07        | 0.0 |    |
| TUES.          | 14                  | 41.0          | 32.1         | 8.9             | 35.1                    | — 3.6   | 33.5                    | 1.6   | 7.9    | 94  | 94.7                       | 30.0          | 39.6         | 39.1                       | E. & SSE.   | ESE. NE. & N.                     | 1.1    | 0.0                          | 0.0  | 176   | — 129        | 0.15        | 0.0 |    |
| WED.           | 15                  | 37.9          | 32.0         | 5.9             | 34.5                    | — 4.2   | 31.0                    | 3.5   | 6.5    | 87  | 57.7                       | 27.1          | 39.8         | 39.3                       | NNW. & N.   | NNW. & N.                         | 8.0    | 0.0                          | 1.5  | 421   | + 120        | 0.00        | 0.0 |    |
| THURS.         | 16                  | 35.1          | 31.7         | 3.4             | 33.3                    | — 5.5   | 26.2                    | 7.1   | 8.4    | 75  | 43.3                       | 30.5          | 40.6         | 36.8                       | N. & NNE.   | NNE. & N.                         | 13.0   | 0.3                          | 3.5  | 617   | + 319        | 0.15        | 0.3 |    |
| FRI.           | 17                  | 34.9          | 30.4         | 4.5             | 32.8                    | — 6.1   | 26.0                    | 6.8   | 7.4    | 76  | 45.6                       | 29.9          | 39.3         | 38.3                       | N.          | N.                                | 7.3    | 0.1                          | 1.8  | 454   | + 168        | 0.00        | 0.7 |    |
| SAT.           | 18                  | 40.0          | 30.9         | 9.1             | 34.4                    | — 4.6   | 29.8                    | 4.6   | 10.0   | 83  | 58.9                       | 26.3          | 39.4         | 36.6                       | N. & NNW.   | NNW. & N.                         | 7.3    | 0.0                          | 1.0  | 367   | + 72         | 0.01        | 0.0 |    |
| MEANS          | ..                  | 38.1          | 31.1         | 7.0             | 34.1                    | — 4.8   | 29.1                    | 5.0   | 8.7    | 82  | 59.9                       | 27.0          | 40.0         | 38.6                       | N.          | N.                                | ..     | ..                           | ..   | Sum<br>2549   | Sum<br>+ 439 | Sum<br>0.38 | 0.4 |    |
| No. of Col.    | 3                   | 4             | 6            | 7               | 8                       | 9   | 10                      | 11  | 12     | 13  | 14                         | 15            | 16           | 17                         | 18          | 19                                | 20     | 21                           | 22   | 23  | 24           | 25          | 26  | 27 |

## GENERAL REMARKS.

| DATE.       | ELECTRICITY.<br>(For explanation of symbols, see Note.) | Registered Sun above Horizon in hours. | Remarks.  |
|-------------|---|--|---|
| SUNDAY      | s. p. throughout  | 0.0                                    | Generally cloudy till evening; cloudless at night. Hoar frost.  |
| MONDAY      | s. p. till 7h. P.M.; v. N. and v. P. afterwards.        | 2.2                                    | Fine and partially cloudy till afternoon; overcast afterwards. Snow fell in evening.  |
| TUESDAY     | s. p. generally   | 2.8                                    | Rain and snow fell frequently in morning; fine and sunny between 9h. A.M. and noon; overcast afterwards, and a little snow or rain fell occasionally. |
| WEDNESDAY   | v. P. till 11h. P.M.; s. N. afterwards.                 | 0.2                                    | Overcast generally. A little light snow fell occasionally. Cold blast wind.   |
| THURSDAY    | s. N. till 4h. A.M.; v. P. till noon; m. P. afterwards. | 0.0                                    | Overcast. Snow fell thickly in early morning. Strong wind.  |
| FRIDAY      | m. P. in morning; v. P. afterwards.                     | 0.0                                    | Overcast. Windy.  |
| SATURDAY    | v. P. generally; s. N. at 6h. P.M.                      | 0.4                                    | Overcast till evening; variable between 7h. and 9h. P.M.; overcast afterwards. Occasional snow.   |
| No. of Col. |   | 29                                     | 30  |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean value of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the twenty years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.26 in. at the beginning of the week to 29.61 in. by 3h. P.M. on the 13th; decreased to 29.39 in. by 9h. A.M. on the 14th; increased to 29.44 in. by 3h. P.M. on the 16th; and decreased to 29.36 in. by the end of the week.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 8. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, FEBRUARY 25. [Price 1½d.

General Register Office, Somerset House,  
27th February, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·6 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.             | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|--------------------|--------------|-------------|-------------|-------------|
|              | Feb.<br>4.   | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. |                    | Feb.<br>4.   | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. |
| Birkenhead   | 18·2         | 17·7        | 14·1        | 24·0        | Liverpool -        | 18·4         | 22·8        | 21·8        | 22·7        |
| Birmingham   | 17·0         | 20·0        | 20·5        | 20·7        | London -           | 23·1         | 22·4        | 20·6        | 21·6        |
| Blackburn -  | 25·9         | 25·0        | 26·3        | 28·5        | Manchester -       | 27·3         | 28·2        | 29·3        | 25·4        |
| Bolton -     | 17·9         | 18·9        | 17·5        | 18·9        | Newcastle-on-Tyne* | 20·3         | 24·0        | 20·0        | 23·3        |
| Bradford*    | 13·4         | 19·3        | 15·4        | 17·0        | Norwich -          | 24·5         | 24·5        | 26·7        | 16·7        |
| Brighton -   | 24·8         | 15·2        | 23·0        | 20·0        | Nottingham*        | 18·8         | 22·6        | 18·8        | 24·4        |
| Bristol -    | 21·9         | 17·7        | 16·1        | 19·1        | Oldham -           | 21·1         | 24·2        | 25·3        | 18·5        |
| Cardiff*     | 21·6         | 23·1        | 15·4        | 13·0        | Plymouth -         | 32·2         | 28·9        | 24·2        | 32·2        |
| Derby -      | 22·2         | 16·8        | 16·3        | 15·7        | Portsmouth -       | 24·3         | 25·4        | 19·8        | 24·7        |
| Halifax -    | 20·8         | 17·6        | 22·8        | 18·2        | Preston -          | 31·8         | 36·4        | 26·8        | 21·2        |
| Huddersfield | 22·8         | 17·7        | 16·6        | 20·0        | Salford*           | 19·4         | 21·9        | 21·2        | 26·5        |
| Hull -       | 18·1         | 17·8        | 16·5        | 16·8        | Sheffield -        | 22·1         | 24·3        | 24·7        | 25·0        |
| Leeds -      | 19·5         | 19·2        | 22·3        | 18·6        | Sunderland -       | 20·2         | 17·4        | 14·2        | 23·7        |
| Leicester*   | 21·3         | 19·9        | 19·2        | 18·5        | Wolverhampton -    | 25·5         | 28·1        | 29·4        | 21·1        |

The highest annual death-rates from *measles*, measured by last week's mortality, were 1·3 in Blackburn, and 2·7 in Plymouth; from *scarlet fever*, 1·3 in Blackburn, 1·4 in Cardiff, and 2·1 in Birkenhead; from *whooping-cough*, 1·1 in Derby and in Manchester, 1·4 in Leicester, and 1·6 in London; and from "fever," 1·1 in Derby. The 40 deaths from *diphtheria* in the twenty-eight towns included 30 in London, 3 in Liverpool, 2 in Salford, and 2 in Preston. *Small-pox* caused 20 deaths in Sheffield, 5 in Manchester, one in Greater London, one in Liverpool, one in Oldham, one in Blackburn, and one in Leeds, but not one in any of the twenty-one other large provincial towns.

## LONDON.

In LONDON† 2473 BIRTHS and 1772 DEATHS were registered. Allowing for increase of population, the births were 449, and the deaths 69, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 23·1, 22·4, and 20·6 in the three preceding weeks, rose again last week to 21·6. During the first eight weeks of the current quarter the death-rate averaged 22·6 per 1000, and was 1·4 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1772 deaths included 18 from *measles*, 32 from *scarlet fever*, 30 from *diphtheria*, 127 from *whooping-cough*, 16 from *enteric fever*, 8 from *diarrhœa* and *dysentery*, 1 from *choleraic diarrhœa*, and not one from *small-pox*, *typhus*, or ill-defined forms of continued fever; thus, 232 deaths were referred to these diseases, being 14 above the corrected average weekly number.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



No death from *small-pox* belonging to Registration London was registered, the corrected average being 16. There were only 6 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last, and one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 18, 15, and 14 in the three preceding weeks, rose again last week to 18, but were 17 below the corrected average; 4 belonged to Mile End Old Town, and 4 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 39, 36, and 30 in the three preceding weeks, were last week 32, and exceeded the corrected average by one; 2 belonged to Hammersmith, 3 to Marylebone, 2 to Pancras, 2 to Bethnal Green, 2 to Whitechapel, 5 to Wandsworth, and 3 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1308 scarlet fever patients (there were also 69 in the London Fever Hospital), against numbers declining in the twelve preceding weeks from 2600 to 1395; 93 cases were admitted to the Metropolitan Asylum Hospitals during last week, against 96, 146, and 105 in the three preceding weeks. The deaths from *diphtheria*, which had been 40 and 18 in the two previous weeks, rose again last week to 30, and exceeded the corrected average by 17; 2 belonged to Paddington, 5 to Islington, 2 (at 8, De Beauvoir Square) to Hackney, 2 to Rotherhithe, 2 to Lambeth, 3 to Greenwich, and 6 (including 3 at 2, Hindsley Place, Forest Hill) to Lewisham sanitary areas. The 127 fatal cases of *whooping-cough* showed an increase of 5 upon the number in the previous week, and exceeded the corrected average by 36; 13 belonged to Islington, 6 to Hackney, 6 to Shoreditch, 12 to Bethnal Green, 5 to Stepney, 5 to Mile End Old Town, 5 to Newington, 12 to Lambeth, 6 to Wandsworth, and 9 to Greenwich sanitary areas. The 8 deaths attributed to *diarrhœa* and *dysentery* corresponded with the number in the previous week, and were 7 below the corrected average. The death of an infant, aged 4 months, in Soho, was referred to *choleraic diarrhœa*.

The deaths referred to *enteric fever*, which had been 26, 12, and 18 in the preceding three weeks, were last week 16, and exceeded the corrected average by 2; 2 belonged to Hackney, 2 to Camberwell, and 2 to Greenwich sanitary areas. The Metropolitan Asylum Hospitals contained 137 cases of enteric fever, and 1 of typhus, on Saturday last; 13 cases of enteric fever, but not one of typhus, were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had declined in the five preceding weeks from 591 to 487, further fell last week to 478, and were 23 below the corrected average.

Different forms of violence caused 62 deaths; 53 were the result of negligence or accident, among which were 22 from fractures and contusions, 12 from burns and scalds, 2 from drowning, 2 from poison, and 10 of infants under one year of age from suffocation. The 22 deaths from fractures and contusions were thus returned:—4 by accidents from vehicles in the streets, 4 by accidents on railways, 1 by fall down stairs, 3 by fall from scaffold or staging, 1 by fall from paddle-box, 4 by falls, the nature of which was not stated, 1 by blow from snow-ball, 1 by blow from steam-engine at gasworks, 1 by injury from machinery, 1 by injury on ship, and 1 by injury from lifting heavy weight. An inquest was held in each of these 22 cases. Nine cases of suicide were registered.

#### GREATER LONDON.

In Greater London 3247 births and 2225 deaths were registered, corresponding to annual rates of 30·6 and 21·0 per 1000 of the population. In the Outer Ring 34 deaths from whooping-cough, 9 from diphtheria, and one from small-pox were registered. Whooping-cough caused 8 deaths in Tottenham sub-district, and 12 in the district of West Ham. Six fatal cases of diphtheria were returned in Walthamstow, and 2 in Enfield sub-districts; 3 of measles in Willesden, and 2 of "fever" in West Ham sub-districts. The death from small-pox occurred in West Ham sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·63 in.; the lowest reading was 29·23 in. on Sunday evening, and the highest 29·89 in. at the end of the week. The mean temperature of the *air* was 29°·8, and 9°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week; the coldest day was Friday, when the mean fell to 25°·5, and showed a deficiency of 14°·5. The general direction of the *wind* was N.E., and the horizontal movement of the *air* averaged 19·0 miles per hour, which was 6·4 miles above the average in the corresponding weeks of 16 years. *Rain* or *melted snow* was measured on five days of the week, to the aggregate amount of 0·21 of an inch. The duration of registered bright sunshine in the week was 6·0 hours, against 11·4 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 25th February, 1888.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>estimated<br>25th Feb., 1888. | Registered during<br>the Week ending<br>25th Feb., 1888. |         |                                    | The DEATHS registered in the Week include             |          |                   |             |                     |        |            |           |          |                                      |                                  |                     |                                    |         | TEMPERATURE OF THE AIR. |             |               |                         |      | RAINFALL. |                | CITIES<br>AND<br>BOROUGHES. |
|-----------------------------|---|--|---------|------------------------------------|---|----------|-------------------|-------------|---------------------|--------|------------|-----------|----------|--------------------------------------|----------------------------------|---------------------|------------------------------------|---------|-------------------------|-------------|---------------|-------------------------|------|-----------|----------------|-----------------------------|
|                             |   | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age. | Deaths of<br>Persons aged<br>60 Years<br>and upwards. |          | Deaths from       |             |                     |        |            |           |          | Deaths in<br>Public<br>Institutions. | Unidentified<br>Causes of Death. | From All<br>Causes. | From<br>Diseases in<br>Cols. 6-12. | Mean.   |                         |             | In<br>Inches. | In<br>Centi-<br>metres. |      |           |                |                             |
|                             |   |  |         |                                    | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Highest. |                                      |                                  |                     |                                    | Lowest. | Fahrenheit.             | Centigrade. |               |                         |      |           |                |                             |
| Cols.                       | 1.  | 2.   | 3.      | 4.                                 | 5.  | 6.       | 7.                | 8.          | 9.                  | 10.    | 11.        | 12.       | 13.      | 14.                                  | 15.                              | 16.                 | 17.                                | 18.     | 19.                     | 20.         | 21.           | 22.                     | 23.  | 24.       | Cols.          |                             |
| 28 TOWNS*                   | 9,398,273                                   | 5478   | 3888    | 785                                | 999   | 29       | 46                | 70          | 40                  | 173    | 43         | 28        | 127      | 228                                  | 723                              | 70                  | 21.6                               | 2.4     | 42.2                    | 19.0        | 31.5          | 0.28                    | 31.9 | 8.10      | - 28 TOWNS.    |                             |
| LONDON*                     | 4,282,921                                   | 2473   | 1772    | 351                                | 470   | -        | 18                | 32          | 30                  | 127    | 16         | 8         | 62       | 107                                  | 405                              | 14                  | 21.6                               | 2.8     | 37.8                    | 19.8        | 29.8          | -1.22                   | 0.21 | 0.53      | LONDON.        |                             |
| BRIGHTON                    | 119,983                                     | 54   | 46      | 7                                  | 16  | -        | -                 | -           | -                   | 1      | -          | -         | 5        | 6                                    | 4                                | -                   | 20.0                               | 0.4     | 37.0                    | 19.0        | 29.5          | -1.30                   | 0.46 | 1.17      | BRIGHTON.      |                             |
| PORTSMOUTH                  | 139,575                                     | 111  | 66      | 10                                 | 19  | -        | -                 | -           | -                   | 2      | -          | -         | 1        | 1                                    | 7                                | 1                   | 24.7                               | 0.7     | -                       | -           | -             | -                       | -    | -         | PORTSMOUTH.    |                             |
| NORWICH                     | 93,675                                      | 75   | 30      | 7                                  | 11  | -        | -                 | -           | -                   | 1      | -          | -         | 1        | 1                                    | 5                                | 1                   | 16.7                               | 0.6     | -                       | -           | -             | -                       | -    | -         | NORWICH.       |                             |
| PLYMOUTH                    | 77,674                                      | 59   | 48      | 11                                 | 14  | -        | 4                 | -           | -                   | -      | -          | -         | 1        | 3                                    | 5                                | 17                  | 32.2                               | 3.4     | 42.2                    | 23.0        | 32.4          | 0.22                    | 0.13 | 0.33      | PLYMOUTH.      |                             |
| BRISTOL                     | 226,510                                     | 161  | 83      | 16                                 | 27  | -        | -                 | 1           | 1                   | 1      | 1          | 1         | 3        | 5                                    | 17                               | 2                   | 19.1                               | 0.9     | 37.0                    | 21.2        | 30.3          | -0.94                   | 0.20 | 0.51      | BRISTOL.       |                             |
| WOLVERHAMPTON               | 81,631                                      | 49   | 33      | 8                                  | 6   | -        | 1                 | 1           | -                   | 1      | -          | 1         | 1        | 3                                    | 11                               | -                   | 21.1                               | 2.6     | 38.8                    | 22.4        | 30.5          | -0.83                   | 0.31 | 0.79      | WOLVERHAMPTON. |                             |
| BIRMINGHAM                  | 447,912                                     | 241  | 178     | 38                                 | 55  | -        | 8                 | -           | -                   | 6      | -          | 1         | 5        | 18                                   | 36                               | 5                   | 20.7                               | 1.7     | -                       | -           | -             | -                       | -    | -         | BIRMINGHAM.    |                             |
| LEICESTER*                  | 146,790                                     | 82   | 52      | 17                                 | 16  | -        | -                 | -           | -                   | 4      | 1          | -         | 1        | 5                                    | 8                                | 2                   | 18.5                               | 1.8     | 38.0                    | 23.7        | 31.1          | -0.50                   | 0.07 | 0.18      | LEICESTER.     |                             |
| NOTTINGHAM*                 | 230,921                                     | 146  | 108     | 23                                 | 33  | -        | 4                 | -           | -                   | 2      | 3          | 2         | 3        | 4                                    | 18                               | 2                   | 24.4                               | 2.5     | 40.7                    | 25.0        | 31.8          | -0.11                   | 0.25 | 0.63      | NOTTINGHAM.    |                             |
| DERBY                       | 96,241                                      | 59   | 29      | 6                                  | 10  | -        | -                 | 1           | -                   | 2      | 2          | -         | -        | 1                                    | 3                                | -                   | 15.7                               | 2.7     | -                       | -           | -             | -                       | -    | -         | DERBY.         |                             |
| BIRKENHEAD                  | 100,093                                     | 41   | 46      | 8                                  | 13  | -        | 1                 | 4           | -                   | -      | -          | 1         | 3        | 3                                    | 3                                | -                   | 24.0                               | 3.1     | -                       | -           | -             | -                       | -    | -         | BIRKENHEAD.    |                             |
| LIVERPOOL                   | 569,738                                     | 305  | 261     | 42                                 | 56  | 1        | 1                 | 7           | 3                   | 3      | 4          | 1         | 11       | 11                                   | 57                               | 11                  | 22.7                               | 1.7     | 37.7                    | 26.6        | 32.2          | 0.11                    | 0.16 | 0.41      | LIVERPOOL.     |                             |
| BOLTON                      | 113,506                                     | 60   | 41      | 9                                  | 9   | -        | -                 | -           | -                   | 2      | 1          | -         | 1        | 3                                    | 4                                | -                   | 18.9                               | 1.4     | -                       | -           | -             | -                       | -    | -         | BOLTON.        |                             |
| MANCHESTER                  | 378,164                                     | 245  | 184     | 28                                 | 37  | 5        | -                 | 6           | -                   | 8      | 3          | 3         | 3        | 10                                   | 48                               | 2                   | 25.4                               | 3.4     | -                       | -           | -             | -                       | -    | -         | MANCHESTER.    |                             |
| SALFORD*                    | 226,336                                     | 129  | 115     | 31                                 | 19  | -        | 3                 | 1           | 2                   | 2      | 1          | 1         | 6        | 7                                    | 12                               | 4                   | 26.5                               | 2.3     | -                       | -           | -             | -                       | -    | -         | SALFORD.       |                             |
| OLDHAM                      | 138,220                                     | 82   | 49      | 7                                  | 10  | 1        | -                 | 2           | 1                   | 1      | -          | -         | 3        | 5                                    | 3                                | 2                   | 18.5                               | 1.9     | -                       | -           | -             | -                       | -    | -         | OLDHAM.        |                             |
| BLACKBURN                   | 119,039                                     | 78   | 65      | 16                                 | 7   | 1        | 3                 | 3           | -                   | 2      | 1          | -         | 3        | 4                                    | 11                               | 3                   | 28.5                               | 4.4     | -                       | -           | -             | -                       | -    | -         | BLACKBURN.     |                             |
| PRESTON                     | 103,234                                     | 69   | 42      | 5                                  | 13  | -        | -                 | -           | -                   | 2      | 1          | -         | -        | -                                    | 8                                | 2                   | 21.2                               | 1.5     | 42.0                    | 28.0        | 33.3          | 0.72                    | 0.07 | 0.18      | PRESTON.       |                             |
| HUDDESFIELD                 | 91,419                                      | 47   | 35      | 2                                  | 11  | -        | 1                 | -           | -                   | 1      | -          | -         | -        | 2                                    | 6                                | -                   | 20.0                               | 1.1     | -                       | -           | -             | -                       | -    | -         | HUDDESFIELD.   |                             |
| HALEFAX                     | 80,138                                      | 51   | 28      | 5                                  | 14  | -        | 1                 | -           | -                   | -      | -          | 1         | -        | -                                    | 2                                | 1                   | 18.2                               | 1.3     | -                       | -           | -             | -                       | -    | -         | HALEFAX.       |                             |
| BRADFORD*                   | 229,721                                     | 124  | 75      | 19                                 | 15  | -        | 1                 | 1           | -                   | -      | -          | 2         | 4        | 4                                    | 5                                | 2                   | 17.0                               | 0.9     | 40.2                    | 27.4        | 32.3          | 0.17                    | 0.46 | 1.17      | BRADFORD.      |                             |
| LEEDS                       | 351,210                                     | 202  | 125     | 18                                 | 41  | 1        | -                 | 4           | -                   | 1      | 3          | -         | 5        | 11                                   | 11                               | -                   | 18.6                               | 1.3     | -                       | -           | -             | -                       | -    | -         | LEEDS.         |                             |
| SHEFFIELD                   | 321,711                                     | 173  | 154     | 35                                 | 29  | 20       | -                 | 4           | 1                   | 2      | 4          | 3         | 3        | 4                                    | 13                               | 8                   | 25.0                               | 5.5     | -                       | -           | -             | -                       | -    | -         | SHEFFIELD.     |                             |
| HULL                        | 202,359                                     | 95   | 65      | 17                                 | 13  | -        | -                 | -           | -                   | 3      | -          | 1         | -        | -                                    | 11                               | 4                   | 16.8                               | 1.0     | 38.0                    | 25.0        | 31.6          | -0.22                   | 0.29 | 0.74      | HULL.          |                             |
| SUNDERLAND                  | 131,919                                     | 88   | 60      | 18                                 | 11  | -        | -                 | -           | -                   | 1      | 1          | 1         | 1        | 4                                    | 5                                | 2                   | 23.7                               | 1.2     | -                       | -           | -             | -                       | -    | -         | SUNDERLAND.    |                             |
| NEWCASTLE*.                 | 159,063                                     | 99   | 71      | 24                                 | 20  | -        | -                 | -           | -                   | -      | 1          | -         | 2        | 6                                    | 5                                | 2                   | 23.3                               | 0.3     | 40.0                    | 28.0        | 33.2          | 0.67                    | 0.58 | 1.47      | NEWCASTLE.     |                             |
| CARDIFF*                    | 168,570                                     | 80   | 27      | 7                                  | 4   | -        | -                 | 3           | -                   | -      | 1          | -         | 1        | 1                                    | 4                                | -                   | 13.0                               | 1.9     | -                       | -           | -             | -                       | -    | -         | CARDIFF.       |                             |
| EDINBURGH                   | 262,753                                     | 149  | 106     | 23                                 | 23  | -        | 6                 | -           | 2                   | 4      | -          | -         | 3        | ?                                    | 16                               | 31                  | 21.1                               | 2.4     | 39.9                    | 29.8        | 33.8          | 1.00                    | 0.61 | 1.55      | EDINBURGH.     |                             |
| GLASGOW                     | 526,058                                     | 400  | 272     | 59                                 | 52  | -        | 2                 | 8           | 3                   | 20     | -          | 4         | 10       | ?                                    | 32                               | 41                  | 27.0                               | 2.9     | 41.0                    | 28.0        | 34.8          | 1.56                    | 0.13 | 0.33      | GLASGOW.       |                             |
| DUBLIN                      | 353,052                                     | 178  | 192     | 33                                 | 49  | -        | 2                 | -           | -                   | 4      | 3          | -         | 2        | 4                                    | 53                               | 20                  | 28.4                               | 2.5     | 39.7                    | 29.0        | 34.6          | 1.44                    | 0.56 | 1.42      | DUBLIN.        |                             |

\* See note on first page of this Return.



**TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the EIGHTH Weeks of Ten previous Years.**

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2690 | 2497 | 2746 | 2632 | 2812 | 2755 | 2538 | 2709 | 2712 | 2769 | 2922·4   | 2473 |
| Males . .           | 1348 | 1222 | 1432 | 1348 | 1449 | 1385 | 1326 | 1406 | 1402 | 1363 | 1491·8   | 1208 |
| Females .           | 1282 | 1275 | 1314 | 1284 | 1363 | 1370 | 1212 | 1303 | 1310 | 1406 | 1430·6   | 1265 |
| <b>TOTAL Deaths</b> | 1756 | 1645 | 1662 | 1525 | 1941 | 1554 | 1552 | 1569 | 1988 | 1691 | 1841·0   | 1772 |
| Males . .           | 872  | 819  | 872  | 817  | 961  | 807  | 817  | 823  | 1006 | 847  | 942·1  | 874  |
| Females .           | 884  | 826  | 790  | 708  | 980  | 747  | 735  | 746  | 982  | 844  | 898·9  | 898  |

\* The numbers in this column are the average weekly numbers in the eighth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

**TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.**

|  | Dec.<br>9. | Dec.<br>10. | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. |
|--|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|
| <b>TOTAL Births</b> - -                      | 2599       | 2497        | 2516        | 2406        | 2326        | 2845       | 2556        | 2638        | 2715        | 2688       | 2830        | 2569        | 2473        |
| <b>TOTAL Deaths</b> - -                      | 1705       | 1577        | 1625        | 1502        | 1832        | 1868       | 1940        | 2000        | 1816        | 1894       | 1838        | 1689        | 1772        |
| 0-20 - -                                     | 792        | 763         | 755         | 764         | 893         | 860        | 815         | 872         | 849         | 907        | 807         | 763         | 772         |
| 20-40 - -                                    | 199        | 202         | 196         | 171         | 216         | 202        | 257         | 228         | 215         | 210        | 205         | 178         | 199         |
| 40-60 - -                                    | 282        | 245         | 291         | 227         | 324         | 341        | 327         | 386         | 304         | 319        | 293         | 300         | 331         |
| 60-80 - -                                    | 361        | 300         | 316         | 280         | 361         | 379        | 411         | 417         | 366         | 368        | 440         | 353         | 388         |
| at 80 years & upwds.                         | 71         | 67          | 67          | 60          | 88          | 86         | 100         | 97          | 82          | 90         | 93          | 95          | 82          |
| Deaths of children { Under 1 year -          | 358        | 345         | 342         | 362         | 458         | 387        | 367         | 403         | 394         | 413        | 394         | 360         | 351         |
| { 1-5 - -                                    | 314        | 307         | 306         | 294         | 325         | 351        | 337         | 349         | 353         | 366        | 310         | 304         | 320         |
| { 5-20 - -                                   | 120        | 111         | 107         | 108         | 110         | 122        | 111         | 120         | 102         | 128        | 103         | 99          | 101         |
| Deaths from Small-pox - -                    | -          | -           | -           | -           | -           | -          | 1           | -           | -           | -          | -           | 1           | -           |
| " " Measles - -                              | 26         | 32          | 17          | 30          | 28          | 25         | 25          | 14          | 16          | 18         | 15          | 14          | 18          |
| " " Scarlet fever - -                        | 54         | 42          | 41          | 39          | 40          | 37         | 25          | 42          | 29          | 39         | 36          | 30          | 32          |
| " " Diphtheria - -                           | 28         | 27          | 23          | 24          | 22          | 28         | 16          | 22          | 29          | 29         | 40          | 18          | 30          |
| " " Whooping-cough - -                       | 67         | 70          | 106         | 104         | 130         | 120        | 152         | 138         | 168         | 177        | 153         | 122         | 127         |
| " " Typhus - -                               | 1          | -           | -           | -           | -           | 1          | -           | -           | -           | -          | -           | -           | -           |
| " " Enteric fever - -                        | 23         | 30          | 18          | 15          | 19          | 28         | 22          | 26          | 13          | 26         | 12          | 18          | 16          |
| " " Simple Cont <sup>d</sup> fever - -       | -          | 1           | 2           | 1           | -           | 2          | 1           | 1           | 1           | 3          | 1           | -           | -           |
| " " Diarrhœa and } Dysentery - }             | 14         | 12          | 12          | 8           | 12          | 12         | 11          | 15          | 11          | 15         | 12          | 8           | 8           |
| " " Cholera - -                              | -          | -           | -           | -           | -           | -          | -           | -           | -           | -          | -           | -           | 1           |
| Deaths from the above-mentioned Diseases } - | 213        | 214         | 219         | 221         | 251         | 253        | 253         | 258         | 267         | 307        | 269         | 211         | 232         |
| " " Dis. of Respira- } tory System - }       | 455        | 408         | 413         | 357         | 442         | 502        | 579         | 591         | 534         | 516        | 504         | 487         | 478         |
| " " Phthisis - -                             | 131        | 138         | 145         | 129         | 162         | 161        | 187         | 153         | 154         | 159        | 149         | 131         | 170         |
| " " Dis. of Circula- } tory System - }       | 160        | 125         | 113         | 133         | 142         | 166        | 160         | 179         | 143         | 154        | 163         | 127         | 134         |
| Violent Deaths - -                           | 64         | 49          | 53          | 46          | 74          | 65         | 69          | 78          | 59          | 55         | 58          | 39          | 62          |
| Inquest Cases - -                            | 148        | 105         | 122         | 113         | 165         | 156        | 146         | 155         | 127         | 131        | 119         | 88          | 107         |
| Deaths in Public Institutions                | 386        | 317         | 373         | 316         | 380         | 366        | 436         | 413         | 381         | 388        | 408         | 358         | 405         |
| TEMPERATURE OF THE AIR                       |            |             |             |             |             |            |             |             |             |            |             |             |             |
| Mean - -                                     | 43·3       | 40·4        | 41·7        | 34·9        | 32·1        | 40·2       | 38·1        | 34·7        | 40·7        | 33·7       | 43·6        | 34·1        | 29·8        |
| Mean of Highest readings -                   | 47·8       | 45·6        | 46·2        | 38·0        | 35·4        | 44·8       | 41·4        | 37·5        | 44·6        | 38·8       | 48·4        | 38·1        | 33·9        |
| Mean of Lowest readings -                    | 38·5       | 35·4        | 36·3        | 31·1        | 28·0        | 35·4       | 34·3        | 30·7        | 36·8        | 27·6       | 38·9        | 31·1        | 25·9        |
| Humidity of the Air - -                      | 87         | 84          | 88          | 89          | 79          | 88         | 97          | 86          | 83          | 78         | 83          | 82          | 76          |
| Rain-fall in inches - -                      | 0·48       | 0·47        | 0·81        | 0·17        | 0·02        | 0·40       | 0·02        | 0·21        | 0·10        | 0·17       | 0·26        | 0·38        | 0·21        |
| Registered Sunshine (in hours)               | 7·4        | 2·9         | 5·8         | 1·9         | 6·2         | 4·1        | 0·0         | 2·5         | 3·0         | 11·1       | 1·8         | 5·6         | 6·0         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

**METEOROLOGICAL OBSERVATION (See TABLE 1.)**

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., LL.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTH Week of the Year 1888.

| CAUSES OF DEATH.                           | Corrected Averages for the 8th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 25th February 1888. |           |      |       |                  |                  |                  |                       |  |   | CAUSES OF DEATH. | Corrected Averages for the 8th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 25th February 1888. |           |      |       |                  |                  |                  |                       |  |  |
|--|--|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|---|------------------|--|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|--|
|  |  | Deaths of Persons of the Ages                    |           |      |       |                  |                  |                  |                       |  |   |                  |  | Deaths of Persons of the Ages                    |           |      |       |                  |                  |                  |                       |  |  |
|  |  | ALL AGES.  | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |   |                  |  | ALL AGES.  | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |  |
|  |  |  | 0-1.      | 1-6. | 5-20. |                  |                  |                  |                       |  |   |                  |  |  | 0-1.      | 1-6. | 5-20. |                  |                  |                  |                       |  |  |
| ALL CAUSES - -                             | 1841.0   | 1772   | 351       | 320  | 101   | 199              | 331              | 338              | 82                    |  | Diseases of Organs of Special Sense † - -               | 1.9              | 1  | -  | 1         | -    | -     | -                | -                | -                | -                     |  |  |
| Small-pox { Vaccinated † - -               | 16.2   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Diseases of Circulatory System - - -                    | 126.9            | 134  | 2  | 1         | 11   | 15    | 48               | 51               | 6                |                       |  |  |
| Unvaccinated † - -                         |  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Croup - - -   | 16.2             | 11   | -  | 10        | 1    | -     | -                | -                | -                | -                     |  |  |
| No Statement - - -                         |  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Bronchitis - - -  | 319.6            | 285  | 51   | 47        | 1    | 9     | 52               | 108              | 17               | 3                     |  |  |
| Measles - - -                              | 35.1   | 18   | 4         | 13   | 1     | -                | -                | -                | -                     |  | Pneumonia - - -   | 111.3            | 136  | 27   | 45        | 7    | 14    | 24               | 16               | 3                |                       |  |  |
| Scarlet Fever - - -                        | 31.0   | 32   | 2         | 23   | 7     | -                | -                | -                | -                     |  | Pleurisy - - -  | 6.9              | 2  | -  | -         | -    | 1     | 1                | -                | -                | -                     |  |  |
| Typhus - - -                               | 1.1  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Other Diseases of Respiratory System - - -              | 47.0             | 44   | 5  | 7         | 2    | 5     | 12               | 11               | 2                |                       |  |  |
| Relapsing Fever † - -                      | 0.0  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Dentition † - - -                                       | 19.9             | 8  | 4  | 4         | -    | -     | -                | -                | -                | -                     |  |  |
| Influenza - - -                            | 0.2  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Quincy, Sore Throat † - -                               | 2.3              | 1  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |
| Whooping-cough - -                         | 90.6   | 127  | 46        | 77   | 4     | -                | -                | -                | -                     |  | Enteritis - - -   | 6.1              | 7  | 2  | 1         | 2    | -     | 1                | -                | -                | 1                     |  |  |
| Diphtheria - - -                           | 13.4   | 39   | -         | 16   | 13    | 1                | -                | -                | -                     |  | Peritonitis - - -                                       | 6.8              | 10   | -  | -         | -    | 3     | 3                | 3                | -                | -                     |  |  |
| Simple Continued and Ill-defined Fever - - | 1.7  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Diseases of Liver - -                                   | 30.8             | 22   | 1  | -         | -    | 3     | 11               | 7                | -                | -                     |  |  |
| Enteric Fever - - -                        | 13.7   | 16   | -         | -    | 4     | 10               | 1                | 1                | -                     |  | Other Diseases of Digestive System - -                  | 31.7             | 36   | 13   | 1         | 1    | 6     | 2                | 10               | 3                |                       |  |  |
| Cholera - - -                              | 0.2  | 1  | 1         | -    | -     | -                | -                | -                | -                     |  | Diseases of Lymphatic System & of Ductless Glands † - - | 3.2              | 1  | -  | -         | -    | -     | -                | 1                | -                | -                     |  |  |
| Diarrhoea, Dysentery -                     | 15.4   | 8  | 4         | 1    | -     | -                | 1                | 2                | -                     |  | Diseases of Urinary System - - -                        | 37.9             | 37   | 1  | 2         | -    | 6     | 17               | 10               | 1                |                       |  |  |
| Remittent Fever † - -                      | 0.5  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Diseases of Generative System - - -                     | 5.4              | 1  | -  | -         | -    | 1     | -                | -                | -                | -                     |  |  |
| Hydrophobia - - -                          | 0.0  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Accidents of Childbirth - -                             | 4.1              | 2  | -  | -         | -    | 2     | -                | -                | -                | -                     |  |  |
| Glanders - - -                             | 0.0  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Diseases of Locomotive System † - - -                   | 6.9              | 8  | 1  | -         | 4    | 1     | -                | 2                | -                | -                     |  |  |
| Cowpox and Effects of Vaccination † - -    | 0.0  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Diseases of Integumentary System - - -                  | 6.3              | 7  | 1  | -         | -    | -     | 2                | 3                | 1                |                       |  |  |
| Venereal Affections -                      | 12.1   | 8  | 6         | -    | -     | -                | 1                | 1                | -                     |  | VIOLENT DEATHS.‡  |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |
| Erysipelas - - -                           | 5.9  | 3  | -         | -    | -     | -                | 3                | -                | -                     |  | ACCIDENT.)  |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |
| Pyæmia and Septicæmia †                    | 3.5  | 2  | 2         | -    | -     | -                | -                | -                | -                     |  | Fracture and Contusion - -                              | 16.7             | 22   | -  | -         | 2    | 3     | 4                | 9                | 4                | -                     |  |  |
| Puerperal Fever - - -                      | 6.0  | 6  | -         | -    | 1     | 5                | -                | -                | -                     |  | Gunshot Wound - - -                                     | 0.1              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |
| Other Zymotic Diseases †                   | 2.5  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Cut, Stab - - -   | 0.2              | 1  | -  | -         | -    | -     | 1                | -                | -                | -                     |  |  |
| Thrush - - -                               | 2.0  | 1  | 1         | -    | -     | -                | -                | -                | -                     |  | Burn and Scald - - -                                    | 7.3              | 12   | -  | 7         | 2    | 3     | -                | -                | -                | -                     |  |  |
| Worms and other Parasitical Diseases - -   | 0.3  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Poison - - -  | 1.7              | 2  | -  | -         | -    | 1     | 1                | -                | -                | -                     |  |  |
| Starvation, Want of Breast-milk † - -      | 1.6  | 1  | -         | -    | -     | -                | -                | 1                | -                     |  | Drowning - - -  | 6.0              | 2  | -  | -         | -    | -     | 2                | -                | -                | -                     |  |  |
| Alcoholism - - -                           | 3.9  | 6  | -         | -    | -     | 4                | 2                | -                | -                     |  | Suffocation - - -                                       | 14.0             | 10   | 10   | -         | -    | -     | -                | -                | -                | -                     |  |  |
| Rheumatic Fever and Rheumatism of Heart    | 13.0   | 8  | -         | -    | 3     | 3                | 2                | -                | -                     |  | Otherwise - - -   | 2.4              | 4  | 2  | 1         | -    | -     | 1                | -                | -                | -                     |  |  |
| Rheumatism - - -                           |  | 4  | -         | -    | -     | -                | -                | 4                | -                     |  | (HOMICIDE.)   |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |
| Gout - - -                                 | 3.7  | 5  | -         | -    | -     | -                | 2                | 3                | -                     |  | Murder & Manslaughter                                   | 1.7              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |
| Rickets † - - -                            | 5.1  | 2  | 1         | 1    | -     | -                | -                | -                | -                     |  | (SUICIDE.)  |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |
| Cancer - - -                               | 50.7   | 61   | -         | 1    | 1     | 8                | 20               | 29               | 2                     |  | Gunshot Wound - - -                                     | 0.9              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |
| Tabes Mesenterica -                        | 23.4   | 19   | 9         | 7    | 3     | -                | -                | -                | -                     |  | Cut, Stab - - -   | 1.2              | 2  | -  | -         | -    | 1     | -                | 1                | -                | -                     |  |  |
| Tubercular Meningitis -                    | 31.2   | 14   | 2         | 6    | 6     | -                | -                | -                | -                     |  | Poison - - -  | 2.0              | 2  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |
| Phthisis - - -                             | 135.3  | 170  | 2         | 5    | 11    | 72               | 63               | 11               | -                     |  | Drowning - - -  | 1.3              | 1  | -  | -         | -    | 1     | 1                | -                | -                | -                     |  |  |
| Scrofula, Tuberculosis -                   | 14.8   | 23   | 7         | 11   | 2     | 2                | 1                | -                | -                     |  | Hanging - - -   | 1.6              | 4  | -  | -         | -    | 1     | 2                | 1                | -                | -                     |  |  |
| Other Constitutional Diseases † - -        | 9.9  | 15   | 3         | -    | 2     | 1                | 2                | 7                | -                     |  | Otherwise - - -   | 0.7              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |
| Premature Birth - - -                      | 33.1   | 28   | 23        | -    | -     | -                | -                | -                | -                     |  | (EXECUTION.)  |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |
| Atelectasis † - - -                        | 2.6  | 4  | 4         | -    | -     | -                | -                | -                | -                     |  | Hanging - - -   | 0.0              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |  |  |
| Congenital Malformations - -               | 6.4  | 9  | 7         | 1    | 1     | -                | -                | -                | -                     |  | OTHER CAUSES † - -                                      | 64.3             | 53   | 45   | 2         | -    | -     | 3                | 3                | 3                |                       |  |  |
| Old Age - - -                              | 63.0   | 74   | -         | -    | -     | -                | -                | 40               | 34                    |  |   |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |
| Apoplexy - - -                             | 47.4   | 43   | -         | -    | 1     | 2                | 14               | 23               | 3                     |  |   |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |
| Epilepsy - - -                             | 7.6  | 9  | 1         | -    | 2     | 3                | 1                | 2                | -                     |  |   |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |
| Convulsions - - -                          | 57.0   | 40   | 36        | 4    | -     | -                | -                | -                | -                     |  |   |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |
| Other Diseases of Brain and Nervous System | 89.8   | 109  | 20        | 22   | 5     | 11               | 13               | 27               | 6                     |  |   |                  |  |  |           |      |       |                  |                  |                  |                       |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.044 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 3. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET, during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     | Deaths in Public<br>Institutions. | Uncertified Causes |
|---|--|---|-------------------------------------|-------------------------------------|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----|-----------------------------------|--------------------|
|   |  |   |                                     |                                     | Deaths—                                   |                                    | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |                    |
|   |  |   |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years & upwards | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |     |                                   |                    |
| LONDON - - - -  |  | 3,815,704   | 2473                                | 1772                                | 351                                       | 470                                | -           | 18       | 32             | 80          | 127             | -       | 13                             | -                            | 8          | 62        | 107            | 405 |                                   |                    |
| WEST DISTRICTS - - - -  |  | 669,633   | 256                                 | 305                                 | 58  | 86                                 | -           | 4        | 4              | 3           | 19              | -       | 1                              | -                            | -          | 9         | 15             | 83  |                                   |                    |
| NORTH DISTRICTS - - - -   |  | 905,947   | 571                                 | 377                                 | 80  | 102                                | -           | 1        | 13             | 8           | 26              | -       | 3                              | -                            | 1          | 12        | 28             | 73  |                                   |                    |
| CENTRAL DISTRICTS - - - -   |  | 282,238   | 153                                 | 129                                 | 13  | 41                                 | -           | -        | -              | 2           | 7               | -       | -                              | -                            | 1          | 2         | 7              | 40  |                                   |                    |
| EAST DISTRICTS - - - -  |  | 692,738   | 497                                 | 379                                 | 83  | 92                                 | -           | 6        | 1              | 3           | 32              | -       | 2                              | -                            | 3          | 18        | 31             | 100 |                                   |                    |
| SOUTH DISTRICTS - - - -   |  | 1,265,148   | 893                                 | 582                                 | 114                                       | 149                                | -           | 7        | 14             | 14          | 43              | -       | 8                              | -                            | 3          | 21        | 26             | 169 |                                   |                    |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON - - - - |  | -   | -                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| WEST DISTRICTS.   |  |   |                                     |                                     |   |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |                    |
| St. Mary Paddington WHH G.J. & W.M.                                       |  | 69888   | 39                                  | 81                                  | 4   | 9                                  | -           | -        | -              | -           | 3               | -       | -                              | -                            | -          | -         | -              | 4   |                                   |                    |
| St. John Paddington H - - - G.J.  |  | 37330   | 8                                   | 24                                  | 1   | 3                                  | -           | -        | -              | 1           | -               | -       | 1                              | -                            | -          | 7         | 8              | 15  |                                   |                    |
| Kensington Town WH - - - W.M.   |  | 120141  | 70                                  | 69                                  | 13  | 24                                 | -           | 1        | -              | -           | 3               | -       | -                              | -                            | 1          | 4         | 23             | -   |                                   |                    |
| Brompton HH - - - W.M. & C.   |  | 43010   | 16                                  | 9                                   | 1   | 4                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 3   |                                   |                    |
| St. Peter Hammersmith - - - W.M.  |  | 7599  | 4                                   | 3                                   | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340   | 42                                  | 80                                  | 10  | 8                                  | -           | -        | -              | 1           | 4               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Fulham WH - - - W.M. & C.   |  | 42900   | 51                                  | 41                                  | 12  | 13                                 | -           | -        | 4              | -           | 3               | -       | -                              | -                            | 1          | -         | 11             | 1   |                                   |                    |
| Chelsea South HHH - - - C.  |  | 30396   | 20                                  | 15                                  | 2   | 2                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Chelsea North-west WHHHHH - C.  |  | 24925   | 21                                  | 13                                  | 2   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -   |                                   |                    |
| Chelsea North-east - - - C.   |  | 32807   | 22                                  | 10                                  | 1   | 1                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 9              | -   |                                   |                    |
| May Fair WW - - - G.J.  |  | 80353   | 3                                   | 14                                  | 1   | 6                                  | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Belgrave WHHH - - - C.  |  | 59220   | 18                                  | 17                                  | 3   | 4                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4              | -   |                                   |                    |
| St. John Westminster HHH - C.   |  | 35496   | 18                                  | 10                                  | 2   | 2                                  | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 3              | -   |                                   |                    |
| St. Margaret Westminster H - C.   |  | 24679   | 8                                   | 11                                  | -   | 2                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 6              | -   |                                   |                    |
| St. James Westminster WHH N.R. & G.J.                                     |  | 29941   | 7                                   | 13                                  | 2   | 4                                  | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4              | -   |                                   |                    |
| St. Anne Soho HHHHHHH - N.R.  |  | 18608   | 9                                   | 5                                   | 3   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| NORTH DISTRICTS.  |  |   |                                     |                                     |   |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |                    |
| All Souls Marylebone HHHH - W.M.  |  | 26759   | 12                                  | 12                                  | 2   | 2                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 4   |                                   |                    |
| Cavendish Square HHHH - - W.M.  |  | 14391   | 6                                   | 3                                   | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809   | 15                                  | 6                                   | 1   | 2                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | -   |                                   |                    |
| St. Mary Maryleb. HHH G.J. & W.M.   |  | 21118   | 23                                  | 7                                   | 2   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Christchurch Marylebone H - W.M.  |  | 33700   | 18                                  | 14                                  | 4   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| St. John Marylebone H - - W.M.  |  | 33633   | 20                                  | 12                                  | 2   | 4                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 3         | -              | -   |                                   |                    |
| Hampstead WHHHHH N.R. & W.M.  |  | 45452   | 31                                  | 18                                  | 3   | 2                                  | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | -   |                                   |                    |
| Regent's Park Pancras H - - W.M.  |  | 39115   | 27                                  | 8                                   | 1   | 1                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729   | 20                                  | 23                                  | 6   | 6                                  | -           | 1        | -              | -           | -               | -       | -                              | -                            | 2          | 2         | 14             | -   |                                   |                    |
| Gray's Inn Lane HHH - - N.R.  |  | 30247   | 11                                  | 13                                  | 3   | 2                                  | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Somers Town H - - - N.R.  |  | 34369   | 21                                  | 5                                   | 2   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Camden Town WH - - - N.R.   |  | 17311   | 14                                  | 18                                  | 3   | 7                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | -   |                                   |                    |
| Kentish Town W - - - N.R.   |  | 87437   | 55                                  | 35                                  | 8   | 13                                 | -           | 1        | -              | 3           | -               | -       | -                              | 1                            | 2          | 7         | -              | -   |                                   |                    |
| Upper Holloway WWWH - - N.R.  |  | 67946   | 40                                  | 43                                  | 6   | 12                                 | -           | -        | -              | 3           | 4               | -       | 1                              | -                            | -          | 3         | 16             | -   |                                   |                    |
| Islington South-west HH - - N.R.  |  | 100976  | 60                                  | 41                                  | 9   | 13                                 | -           | 1        | -              | 1           | 5               | -       | -                              | -                            | 1          | 3         | 1              | -   |                                   |                    |
| Islington South-east - - - N.R.   |  | 61825   | 40                                  | 15                                  | 3   | 4                                  | -           | -        | -              | 1           | 1               | -       | -                              | -                            | 1          | 6         | 1              | -   |                                   |                    |
| Highbury H - - - N.R.   |  | 52048   | 33                                  | 19                                  | 3   | 8                                  | -           | -        | -              | -           | 3               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Stoke Newington H - - - N.R.  |  | 22731   | 13                                  | 9                                   | 1   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -   |                                   |                    |
| Stamford Hill - - - E.L.  |  | 9277  | 6                                   | 7                                   | 2   | 2                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| West Hackney - - - N.R.   |  | 37310   | 15                                  | 7                                   | 1   | 3                                  | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | 1         | -              | -   |                                   |                    |
| Hackney WWWH - - - E.L. & N.R.  |  | 76911   | 65                                  | 45                                  | 4   | 12                                 | -           | 4        | -              | -           | 3               | -       | 2                              | -                            | 4          | 7         | 15             | -   |                                   |                    |
| South Hackney - - - E.L.  |  | 39383   | 25                                  | 12                                  | 7   | 1                                  | -           | -        | -              | -           | 2               | -       | -                              | -                            | 1          | 1         | 2              | -   |                                   |                    |
| CENTRAL DISTRICTS.  |  |   |                                     |                                     |   |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |                    |
| St. George Bloomsbury - - - N.R.  |  | 16681   | 9                                   | 5                                   | 1   | 4                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -   |                                   |                    |
| St. Giles South WH - - - N.R.   |  | 14864   | 8                                   | 11                                  | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| St. Giles North - - - N.R.  |  | 13837   | 2                                   | 3                                   | -   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4              | -   |                                   |                    |
| St. Martin-in-the-Fields HH N.R. & C.                                     |  | 17508   | 5                                   | 9                                   | -   | 5                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| St. Mary-le-Strand H - - - N.R.   |  | 7516  | 6                                   | 2                                   | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 4              | -   |                                   |                    |
| St. Clement Danes H - - - N.R.  |  | 8559  | 3                                   | 3                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Strand Union Workhouse, Edmonton w.                                       |  | -   | -                                   | 4                                   | -   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | -   |                                   |                    |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 13671   | 10                                  | 11                                  | 2   | 3                                  | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | 4              | -   |                                   |                    |
| St. Andrew Eastern W - - - N.R.   |  | 10706   | 4                                   | 7                                   | -   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Saffron Hill H - - - N.R.   |  | 6533  | 4                                   | 1                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 3              | -   |                                   |                    |
| St. James Clerkenwell - - - N.R.  |  | 17516   | 12                                  | 7                                   | -   | 1                                  | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | -   |                                   |                    |
| Amwell Clerkenwell - - - N.R.   |  | 19281   | 11                                  | 4                                   | 1   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Fennville - - - N.R.  |  | 14773   | 11                                  | 11                                  | 3   | 3                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Goodwell-street - - - N.R.  |  | 17606   | 10                                  | 8                                   | 3   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Old-street H - - - N.R.   |  | 11541   | 12                                  | 7                                   | 1   | 1                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| City-road HHL - - - N.R.  |  | 18328   | 20                                  | 6                                   | -   | 2                                  | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Whitecross-street - - - N.R.  |  | 9217  | 6                                   | 3                                   | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -   |                                   |                    |
| Finsbury - - - N.R.   |  | 7463  | 4                                   | 2                                   | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Holborn Union Workhouse, Mitcham, w.                                      |  | -   | -                                   | 1                                   | -   | -                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | -   |                                   |                    |
| St. Botolph H - - - N.R. & E.L.   |  | 11174   | 3                                   | 1                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Cripple-gate - - - N.R.   |  | 7193  | 4                                   | 2                                   | -   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| St. Sepulchre H - - - N.R.  |  | 5353  | 3                                   | 17                                  | -   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | -              | -   |                                   |                    |
| St. Bride W - - - N.R.  |  | 8396  | 2                                   | -                                   | -   | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 15             | -   |                                   |                    |
| Allhallows Barking - - - N.R.   |  | 13666   | 2                                   | 4                                   | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                    |
| Broad Street H - - - N.R.   |  | 5652  | 2                                   | -                                   | -   | -                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | -   |                                   |                    |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-  
house; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands  
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifies  
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London;  
and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
day, the 25th February, 1888.

[illegible]

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

Table by  $w$  :—

[illegible]

Stepney Workhouse in Bromley sub-district.  
 Poplar & Stepney Sick Asylum  
 Westminster Union Industrial School in West Battersea sub-district.  
 Strand and Holborn Workhouses outside Registration London.  
 Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-  
 ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,  
 Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 25th February, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.            | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Ename-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |                |          |                |             |                 |        |            |           |                |                                   |                    |  |
|---|---|--|--|---------|---------|---|-------------------------------------|----------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--------------------|--|
|   |   |  |  |         |         | Deaths of                                 |                                     | Deaths from    |          |                |             |                 |        |            |           |                |                                   |                    |  |
|   |   |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-<br>pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes |  |
| LONDON—OUTER RING   |   | 370,924  | 950,937                                      | 774     | 453     | 109                                       | 115                                 | 1              | 4        | 1              | 9           | 34              | 4      | 1          | 5         | 14             | 4½                                | 10                 |  |
| 30:1  | Carshalton <i>wL</i> -                    | 12228  | 21118  | 12      | 16      | 1   | 5                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 10                 |  |
| 2   | Epsom ( <i>part of</i> ) * <i>WwH</i>     | 9971   | 10710  | 9       | 8       | -   | 3                                   | -              | -        | -              | -           | -               | -      | -          | 1         | 1              | 4                                 | -                  |  |
| 37:1  | Godstone ( <i>part of</i> ) * -           | 2754   | 1235   | -       | -       | -   | -                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 38:1  | Croydon <i>WwHHL</i> -                    | 20851  | 101241                                       | 56      | 41      | 7   | 14                                  | -              | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | 3                  |  |
| 2   | Mitcham <i>w†</i> -                       | 11897  | 17932  | 5       | 4       | -   | 2                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |  |
| 39:1  | Wimbledon <i>HHH</i> -                    | 3220   | 15950  | 18      | 7       | 2   | 2                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 2   | Kingston <i>WHH</i> -                     | 8549   | 36354  | 19      | 10      | 5   | 1                                   | -              | -        | 1              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |  |
| 3   | Esher ( <i>part of</i> ) * -              | 6601   | 9221   | 6       | 4       | 1   | 3                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 4   | Hampton <i>H</i> -                        | 4573   | 13539  | 4       | 2       | -   | -                                   | -              | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                  |  |
| 40:1  | Richmond <i>WH</i> -                      | 2272   | 21302  | 9       | 12      | 1   | 7                                   | -              | -        | -              | -           | 1               | -      | -          | -         | 1              | 4                                 | -                  |  |
| 2   | Mortlake -                                | 2911   | 12331  | 9       | 7       | 1   | 1                                   | -              | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                  |  |
| 41:1  | Bromley ( <i>pt. of</i> ) * <i>HH</i>     | 15669  | 31142  | 18      | 13      | 2   | 7                                   | -              | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                  |  |
| 2   | Chislehurst( <i>pt. of</i> ) * <i>WHH</i> | 14307  | 15844  | 6       | 5       | 4   | -                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |  |
| 42:1  | Bexley <i>H</i> -                         | 13437  | 24134  | 16      | 9       | 4   | 2                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 124:1   | Sunbury <i>w</i> -                        | 11055  | 11685  | 7       | 6       | 1   | 1                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 2   | Staines <i>W</i> -                        | 13277  | 12089  | 6       | 2       | 1   | -                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 125:1   | Hillingdon <i>WHH</i> -                   | 6029   | 10802  | 9       | 6       | -   | 2                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 | -                  |  |
| 2   | Uxbridge -                                | 6178   | 3225   | 4       | 1       | -   | -                                   | -              | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                  |  |
| 3   | Hayes <i>wHL</i> -                        | 14537  | 11523  | 10      | 2       | -   | 1                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 126:1   | Isleworth <i>WHH</i> -                    | 7008   | 22727  | 15      | 13      | 3   | 4                                   | -              | -        | -              | -           | 1               | -      | -          | -         | 1              | 2                                 | -                  |  |
| 2   | Twickenham <i>H</i> -                     | 2477   | 12479  | 10      | 6       | 1   | 4                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 3   | Brentford <i>HL</i> -                     | 4345   | 27649  | 16      | 11      | 2   | 4                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 4   | Chiswick -                                | 1340   | 15975  | 9       | 4       | -   | 3                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 5   | Acton <i>wH</i> -                         | 6053   | 22376  | 20      | 7       | 3   | 1                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 127:1   | Harrow <i>H</i> -                         | 13909  | 12796  | 8       | 5       | 3   | 2                                   | -              | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | -                  |  |
| 2   | Edgware <i>H</i> -                        | 6994   | 3749   | 5       | 2       | -   | -                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 3   | Willesden -                               | 4383   | 27453  | 35      | 13      | 5   | 1                                   | -              | 3        | -              | -           | -               | 1      | -          | -         | -              | -                                 | -                  |  |
| 4   | Hendon <i>W</i> -                         | 3332   | 10434  | 9       | 8       | 2   | 3                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 | -                  |  |
| 128:1   | South Mimms -                             | 15699  | 33391  | 5       | 4       | -   | 1                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 2   | Barnet -                                  | 5433   | 10092  | 8       | 4       | 1   | -                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 3   | Finchley <i>HL</i> -                      | 4688   | 17615  | 16      | 17      | 2   | 2                                   | -              | -        | -              | -           | 1               | -      | -          | -         | -              | 7                                 | -                  |  |
| 129:1   | Hornsey <i>H</i> -                        | 3039   | 37078  | 29      | 14      | 8   | 4                                   | -              | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                  |  |
| 2   | Tottenham <i>H</i> -                      | 4642   | 46456  | 61      | 24      | 4   | 4                                   | -              | -        | -              | -           | 8               | -      | 1          | -         | 1              | 1                                 | -                  |  |
| 3   | Edmonton <i>Ww†</i> -                     | 7483   | 23468  | 23      | 13      | 3   | 6                                   | -              | -        | -              | -           | -               | -      | -          | 1         | 1              | 2                                 | -                  |  |
| 4   | Enfield <i>WH</i> -                       | 12653  | 19104  | 24      | 12      | 4   | 2                                   | -              | -        | -              | 2           | 1               | -      | -          | -         | -              | -                                 | -                  |  |
| 5   | Waltham Abbey -                           | 11017  | 5368   | 5       | 5       | -   | -                                   | -              | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 6   | Cheshunt -                                | 8480   | 7735   | 1       | 2       | 1   | 1                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 135:1   | Hatfield ( <i>part of</i> ) * -           | 3306   | 583  | -       | -       | -   | -                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 137:1   | Bushey -                                  | 9331   | 6621   | 7       | 4       | 1   | 1                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 138:1   | Stratford -                               | 552  | 38606  | 39      | 11      | 5   | 1                                   | -              | -        | -              | -           | 3               | 1      | -          | -         | -              | -                                 | -                  |  |
| 2   | West Ham <i>wvwH†</i> -                   | 7351   | 101053                                       | 122     | 56      | 17  | 10                                  | 1              | -        | -              | 1           | 4               | 2      | -          | 1         | 2              | 1                                 | -                  |  |
| 3   | Leyton <i>WwL</i> -                       | 4372   | 32430  | 43      | 19      | 1   | 4                                   | -              | -        | -              | -           | 2               | -      | -          | -         | 1              | 2                                 | -                  |  |
| 4   | Walthamstow <i>H</i> -                    | 6526   | 28869  | 22      | 21      | 3   | 2                                   | -              | -        | -              | 6           | 3               | -      | -          | 1         | 1              | -                                 | -                  |  |
| 137:1   | Chigwell ( <i>part of</i> ) * <i>H</i>    | 11761  | 9669   | 10      | 5       | 2   | 1                                   | -              | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                  |  |
| 139:1   | Romford ( <i>part of</i> ) * -            | 6730   | 3411   | -       | 1       | -   | -                                   | -              | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |  |
| 2   | Ilford -                                  | 8493   | 7645   | 4       | 7       | 2   | 2                                   | -              | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                  |  |
| 3   | Barking Town -                            | 4127   | 9203   | 5       | 10      | 6   | 1                                   | -              | -        | -              | -           | 4               | -      | -          | -         | -              | -                                 | -                  |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 139: 1, the parish of Dagenham in Romford sub-district.  
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).  
 ‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 25th February, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>188. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |
|---------------------------|--|---|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|
|                           |  |   | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  |                                   |
|                           |  |   |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.  | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16. |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                     | 21.0  | 2.7                                   | 2225                             | 460                                       | 585  | 1           | 22       | 33                | 39          | 161                 | 20     | 9         | 67        | 449 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                     | 21.6  | 2.8                                   | 1772                             | 351                                       | 470  | -           | 18       | 32                | 30          | 127                 | 16     | 8         | 62        | 405 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                     | 19.0  | 2.3                                   | 453                              | 109                                       | 115  | 1           | 4        | 1                 | 9           | 34                  | 4      | 1         | 5         | 44  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,592 acres are tidal water and foreshore. This area is equal to 10,522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,259,145 Persons.

| CITIES.                           | POPULATION<br>(enumerated<br>or<br>estimated). | DATE<br>OF RETURN.<br>Week ending | BIRTHS.<br>Exclusive of | DEATHS.<br>Stillborn. | ANNUAL<br>DEATH-<br>RATE<br>per 1000<br>living. | DEATHS FROM<br>EPIDEMIC DISEASES.                     |
|-----------------------------------|--|-----------------------------------|-------------------------|-----------------------|---|---|
| CALCUTTA - -                      | 433,219  | January 21                        | -                       | 262                   | 31.5  | Cholera 19; fevers 80.                                |
| BOMBAY - -                        | 773,196  | " 31                              | 331                     | 375                   | 23.1  | Small-pox 9; fevers 113.                              |
| MADRAS - -                        | 398,777  | " 20                              | 325                     | 377                   | 49.3  | Small-pox 2; fevers 83;<br>cholera 18.                |
| PARIS - - -                       | 2,260,945                                      | February 18                       | 1203                    | 1112                  | 25.8  | Small-pox 5; measles 19;<br>diph. and croup 42.       |
| BRUSSELS -<br>(with 8 Faubourgs.) | 454,410  | " 18                              | 291                     | 229                   | 26.0  | Sm.-pox 1; typh. & typhd.<br>fev. 4; measles 2.       |
| AMSTERDAM -                       | 389,916  | " 18                              | 313                     | 201                   | 26.8  | Wh.-cough 6; measles 5.                               |
| ROTTERDAM -                       | 193,660  | " 18                              | 134                     | 88                    | 23.1  | -   |
| THE HAGUE -                       | 149,410  | " 18                              | 121                     | 64                    | 22.3  | Whooping-cough 1.                                     |
| COPENHAGEN -                      | 300,000  | " 14                              | 192                     | 171                   | 29.7  | Diph. 5; scar. fev. 5;<br>measles 4.                  |
| STOCKHOLM -                       | 216,807  | " 11                              | 163                     | 101                   | 24.2  | Scarlet fever 3; " diph-<br>theria and croup 3.       |
| CHRISTIANIA -                     | 134,000  | " 18                              | 57                      | 66                    | 25.1  | Measles 13.   |
| ST. PETERSBURG                    | 928,016  | " 11                              | -                       | 595                   | 33.5  | Diph. 20; typ. and typhd.<br>fever 23; scar. fev. 12. |
| BERLIN - -                        | 1,413,603                                      | " 4                               | 876                     | 585                   | 21.6  | Diph. 22; wh.-cough 9;<br>typ and typhd. fev. 5.      |
| HAMBURG (State)                   | 529,091  | " 11                              | 342                     | 296                   | 29.2  | Typ. & typhd. fev. 17; diph.<br>& croup 9; measles 7. |
| DRESDEN - -                       | 259,142  | " 4                               | 133                     | 116                   | 23.3  | Diphtheria and croup 4.                               |
| BRESLAU - -                       | 308,105  | " 11                              | 184                     | 161                   | 27.6  | Diphtheria 13.  |
| MUNICH - -                        | 275,000  | " 11                              | 182                     | 135                   | 25.5  | Diphtheria and croup 5.                               |
| VIENNA - -                        | 800,836  | " 11                              | 489                     | 403                   | 26.2  | Scarlet fever 6; diph-<br>theria 8.                   |
| PRAGUE - -                        | 295,857  | " 18                              | -                       | 180                   | 31.7  | Sm.-pox 24; scar. fev. 5;<br>diphtheria 7.            |
| BUDA-PESTH -                      | 442,787  | " 11                              | 292                     | 269                   | 32.0  | Diphtheria and croup 10;<br>measles 4.                |
| TRIESTE - -                       | 156,042  | " 11                              | -                       | 117                   | 39.0  | Small-pox 4.  |
| ROME - - -                        | 382,973  | January 14                        | 300                     | 225                   | 30.7  | Whooping-cough 2; ma-<br>larial fever 8.              |
| TURIN (10 days)-                  | 286,956  | " 20                              | -                       | -                     | -   | -   |
| VENICE - - -                      | 148,380  | February 11                       | 86                      | 114                   | 40.1  | Typhoid fever 1.                                      |
| CAIRO - - -                       | 374,838  | " 2                               | 379                     | 289                   | 40.2  | Typd. fev. 13; whooping-<br>cough 6.                  |
| ALEXANDRIA -                      | 231,396  | " 2                               | 224                     | 150                   | 33.8  | -   |
| NEW YORK - -                      | 1,493,000                                      | " 4                               | -                       | 831                   | 29.0  | Diphtheria 38; scarlet<br>fever 27.                   |
| BROOKLYN - -                      | 774,870  | " 4                               | -                       | 375                   | 25.3  | Diphtheria 33; croup 18;<br>scarlet fever 12.         |
| PHILADELPHIA -                    | 1,016,758                                      | " 4                               | -                       | 460                   | 23.6  | Diphtheria 8; croup 9;<br>typhoid fever 14.           |
| BALTIMORE - -                     | 437,155  | " 4                               | -                       | 186                   | 22.2  | Measles 7.  |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 25TH FEBRUARY, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.     | MONTH AND DAY. | Phases of the Moon. | TEMPERATURE. |             |              |                                 | TEMPERATURE.                          |  |               |           | TEMPERATURE.                            |           |         |      | Wind as deduced from Anemometer. |        |                        |   | Rain collected in a Gauge whose surface is 5 inches above the Ground. | Ozone. |                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------|----------------|---------------------|--------------|-------------|--------------|---------------------------------|---------------------------------------|--|---------------|-----------|---|-----------|---------|------|----------------------------------|--------|------------------------|---|---|--------|---------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|           |                |                     | Baro-Meter.  | Of the Air. |              |                                 | Of the Air Temperature and Dew Point. | Degree of the midday radiation (Saturation equals 100°). | Of Radiation. |           | Of the Water of the Thames at Deptford. |           | Oler's. |      | Pressure on the Square Foot.     |        | Robinson's.            |   |   |        |                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|           |                |                     |              | Mean.       | Daily Range. | De- parture from Average value. |                                       |  | High- est.    | Low- est. | High- est.                              | Low- est. | A.M.    | P.M. | Great- est.                      | Least. | Mean of 24 hourly obs. | Horizontal Movement of the Air on each Day. |   |        | Depart- ure from Average of 10 Years. |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|           |                |                     |              |             |              |                                 |                                       |  |               |           |   |           |         |      |                                  |        |                        |   |   |        |                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| FEBRUARY. |                |                     |              |             |              |                                 |                                       |  |               |           |   |           |         |      |                                  |        |                        |   |   |        |                                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| SUN.      | 19             | ..                  | 29.287       | 35.5        | 28.1         | 7.4                             | 31.6                                  | °  | °             | °         | °                                       | °         | °       | °    | °                                | °      | °                      | °   | °   | °      | °                                     | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |

## GENERAL REMARKS.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygrometrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: -P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.36 in. at the beginning of the week to 29.28 in. by 10h. P.M. on the 19th; increased to 29.85 in. by 9h. P.M. on the 23rd; decreased to 29.76 in.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 9. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, MARCH 3. [Price 1½d.

General Register Office, Somerset House,  
5th March, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·5 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |            | TOWNS.             | Weeks ending |             |             |            |
|--------------|--------------|-------------|-------------|------------|--------------------|--------------|-------------|-------------|------------|
|              | Feb.<br>11.  | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. |                    | Feb.<br>11.  | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. |
| Birkenhead   | 17·7         | 14·1        | 24·0        | 18·2       | Liverpool -        | 22·8         | 21·8        | 22·7        | 23·5       |
| Birmingham   | 20·0         | 20·5        | 20·7        | 18·9       | London -           | 22·4         | 20·6        | 21·6        | 21·9       |
| Blackburn -  | 25·0         | 26·3        | 28·5        | 34·2       | Manchester -       | 28·2         | 29·3        | 25·4        | 25·7       |
| Bolton -     | 18·9         | 17·5        | 18·9        | 17·5       | Newcastle-on-Tyne* | 24·0         | 20·0        | 23·3        | 22·6       |
| Bradford*    | 19·3         | 15·4        | 17·0        | 14·3       | Norwich -          | 24·5         | 26·7        | 16·7        | 20·1       |
| Brighton -   | 15·2         | 23·0        | 20·0        | 17·8       | Nottingham*        | 22·6         | 18·8        | 24·4        | 20·1       |
| Bristol -    | 17·7         | 16·1        | 19·1        | 19·4       | Oldham -           | 24·2         | 25·3        | 18·5        | 24·2       |
| Cardiff*     | 23·1         | 15·4        | 13·0        | 25·5       | Plymouth -         | 28·9         | 24·2        | 32·2        | 21·5       |
| Derby -      | 16·8         | 16·3        | 15·7        | 25·5       | Portsmouth -       | 25·4         | 19·8        | 24·7        | 23·2       |
| Halifax -    | 17·6         | 22·8        | 18·2        | 23·4       | Preston -          | 36·4         | 26·8        | 21·2        | 25·3       |
| Huddersfield | 17·7         | 16·6        | 20·0        | 16·0       | Salford*           | 21·9         | 21·2        | 26·5        | 18·0       |
| Hull -       | 17·8         | 16·5        | 16·8        | 19·3       | Sheffield -        | 24·3         | 24·7        | 25·0        | 21·7       |
| Leeds -      | 19·2         | 22·3        | 18·6        | 19·9       | Sunderland -       | 17·4         | 14·2        | 23·7        | 13·4       |
| Leicester*   | 19·9         | 19·2        | 18·5        | 24·2       | Wolverhampton -    | 28·1         | 29·4        | 21·1        | 22·3       |

The highest annual death-rates from *measles*, measured by last week's mortality, were 1·3 in Wolverhampton, and 4·0 in Plymouth; from *scarlet fever*, 1·0 in Cardiff and 2·6 in Blackburn; from *whooping-cough*, 1·1 in London, in Norwich, and in Leicester, 2·3 in Bolton, and 2·6 in Wolverhampton; and from "fever," 1·4 in Cardiff, and 1·6 in Derby and in Nottingham. The 37 deaths from *diphtheria* in the twenty-eight towns included 24 in London, 5 in Manchester, and 2 in Sheffield. *Small-pox* caused 21 deaths in Sheffield, one in Leeds, one in Manchester, one in Nottingham, and one in Bristol, but not one in London or in any of the twenty-two other large provincial towns.

## LONDON.

In LONDON† 2778 BIRTHS and 1794 DEATHS were registered. Allowing for increase of population, the births were 100, and the deaths 36, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 20·6 and 21·6 in the two preceding weeks, further rose last week to 21·9. During the first nine weeks of the current quarter the death-rate averaged 22·5 per 1000, and was 1·3 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonston, the Holborn Union Workhouse at Miteham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1794 deaths included 15 from measles, 27 from scarlet fever, 24 from diphtheria, 94 from whooping-cough, 15 from enteric fever, 10 from diarrhœa and dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 185 deaths were referred to these diseases, being 34 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 21. There were 13 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last, and one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 14 and 18 in the two preceding weeks, declined again last week to 15, and were 22 below the corrected average; 3 belonged to Islington, and 3 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had ranged in the four preceding weeks between 39 and 30, further declined last week to 27, but exceeded the corrected average by one; 4 belonged to Islington, 3 to Hackney, 4 to Bethnal Green (including 2 admitted to hospital from 3, Mape Street) sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1295 scarlet fever patients (there were also 68 in the London Fever Hospital), against numbers declining in the thirteen preceding weeks from 2600 to 1309; 84 cases were admitted to the Metropolitan Asylum Hospitals during last week, against 146, 105, and 93 in the three preceding weeks. The deaths from *diphtheria*, which had been 40, 18, and 30 in the three previous weeks, were last week 24, and exceeded the corrected average by 11; 2 belonged to Paddington, 3 to Clerkenwell, 2 to Poplar, 2 to Wandsworth, 3 to Camberwell, and 3 to Lewisham sanitary areas. The fatal cases of *whooping-cough*, which had ranged in the nine preceding weeks between 177 and 120, further declined last week to 94, but exceeded the corrected average by 2; 6 belonged to Hammersmith, 7 to Pancras, 7 to Islington, 11 to Wandsworth, 8 to Greenwich, and 5 to Lewisham sanitary areas. The 10 deaths attributed to *diarrhœa* and *dysentery* showed an increase of 2 upon the low number in each of the two previous weeks, but were 5 below the corrected average.

The deaths referred to *enteric fever*, which had been 18 and 16 in the two preceding weeks, further declined last week to 15, but exceeded the corrected average by 3; 2 belonged to Chelsea, and 2 to Poplar sanitary areas. The Metropolitan Asylum Hospitals contained 140 cases of enteric fever, and not one of typhus, on Saturday last; 17 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had declined in the six preceding weeks from 591 to 478, were last week 488, and were 9 below the corrected average.

Different forms of violence caused 65 deaths; 60 were the result of negligence or accident, among which were 20 from fractures and contusions, 18 from burns and scalds, 4 from drowning, and 12 of infants under one year of age from suffocation. The 20 deaths from fractures and contusions were thus caused:— 3 by accidents on railways, 3 by fall from scaffold, 1 by fall from height, 2 by fall in street, 3 by fall down stairs or steps, 3 by fall in room, 2 by fall, the nature of which was not stated, 2 by injury from machinery, and 1 by fall of heavy substance. An inquest was held in each of these 20 cases. Five cases of suicide were registered.

#### GREATER LONDON.

In Greater London 2895 births and 1905 deaths were registered, corresponding to annual rates of 27·3 and 18·0 per 1000 of the population. In the Outer Ring 43 deaths from whooping-cough, 9 from diphtheria, and 3 from "fever" were registered. Whooping-cough caused 9 deaths in Tottenham, 6 in West Ham, and 5 in Croydon sub-districts. Three fatal cases of diphtheria occurred in Enfield and 3 in Walthamstow sub-districts; and the 3 deaths from "fever" in West Ham sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·02 in.; the highest reading was 30·23 in. on Tuesday at noon, and the lowest 29·78 in. on Friday evening. The mean temperature of the *air* was 31°·5, and 8°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week; the coldest day was Wednesday, when the mean fell to 29°·5, and showed a deficiency of 10°·8. The general direction of the *wind* was North-easterly, and the horizontal movement of the *air* averaged 15·6 miles per hour, which was 2·0 miles above the average in the corresponding weeks of 16 years. *Rain* or *melted snow* was measured on two days of the week, to the aggregate amount of 0·02 of an inch. The duration of registered bright sunshine in the week was 10·4 hours, against 17·2 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 3rd March, 1888.

| CITIES<br>AND<br>BOROUGHES. | Registered during<br>the Week ending<br>3rd Mar., 1888. |         | The DEATHS registered in the Week include |  |             |          |                   |             |                     |           |            |                                      | TEMPERATURE OF THE AIR.          |               | RAINFALL.   |                     | CITIES<br>AND<br>BOROUGHES. |                                    |      |      |      |       |      |      |                |
|-----------------------------|---|---------|---|--|-------------|----------|-------------------|-------------|---------------------|-----------|------------|--------------------------------------|----------------------------------|---------------|-------------|---------------------|-----------------------------|------------------------------------|------|------|------|-------|------|------|----------------|
|                             | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | BIRTHS. | Deaths of                                 |  | Deaths from |          |                   |             |                     | Violence. |            | Mean.                                |                                  | In<br>Inches. | In<br>Cent. |                     |                             |                                    |      |      |      |       |      |      |                |
|                             |   |         | Infants under<br>1 Year of<br>Age.        | Persons aged<br>60 Years<br>and upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever.    | Diarrhoea. |                                      |                                  |               |             |                     |                             |                                    |      |      |      |       |      |      |                |
|                             |   |         |   |  |             |          |                   |             |                     |           |            | Deaths in<br>Public<br>Institutions. | Unidentified<br>Causes of Death. |               |             | From All<br>Causes. |                             | From<br>Diseases in<br>Cols. 6-12. |      |      |      |       |      |      |                |
| Cols.                       | 1.  | 2.      | 3.  | 4.                                       | 5.          | 6.       | 7.                | 8.          | 9.                  | 10.       | 11.        | 12.                                  | 13.                              | 14.           | 15.         | 16.                 | 17.                         | 18.                                | 19.  | 20.  | 21.  | 22.   | 23.  | 24.  | Cols.          |
| 28 TOWNS* -                 | 9,398,273   | 6121    | 3875                                      | 867                                      | 967         | 25       | 42                | 59          | 37                  | 136       | 39         | 28                                   | 138                              | 296           | 692         | 87                  | 21.5                        | 2.0                                | 45.0 | 18.0 | 32.4 | 0.22  | 0.10 | 0.25 | - 28 TOWNS.    |
| LONDON* -                   | 4,282,921   | 2778    | 1794                                      | 371                                      | 471         | -        | 15                | 27          | 24                  | 94        | 15         | 10                                   | 65                               | 149           | 379         | 19                  | 21.9                        | 2.5                                | 40.4 | 24.0 | 31.5 | -0.28 | 0.02 | 0.05 | LONDON.        |
| BRIGHTON -                  | 119,983   | 49      | 41  | 16                                       | 13          | -        | -                 | -           | 1                   | 1         | 2          | 1                                    | 3                                | 4             | 17          | 1                   | 17.8                        | 0.9                                | 40.0 | 25.0 | 31.1 | -0.50 | 0.12 | 0.30 | BRIGHTON.      |
| PORTSMOUTH -                | 139,575   | 110     | 62  | 20                                       | 13          | -        | -                 | -           | -                   | 2         | -          | -                                    | 4                                | 2             | 4           | -                   | 23.2                        | 1.1                                | -    | -    | -    | -     | -    | -    | PORTSMOUTH.    |
| NORWICH -                   | 93,675  | 57      | 36  | 13                                       | 10          | -        | -                 | -           | -                   | -         | -          | -                                    | 1                                | 3             | 2           | 1                   | 20.1                        | 1.7                                | -    | 24.8 | 33.0 | 0.56  | 0.02 | 0.05 | NORWICH.       |
| PLYMOUTH -                  | 98,075  | 53      | 32  | 6  | 10          | -        | 6                 | -           | -                   | -         | -          | -                                    | 7                                | 12            | 16          | 5                   | 19.4                        | 0.7                                | 41.5 | 22.8 | 31.0 | -0.56 | 0.10 | 0.25 | PLYMOUTH.      |
| BRISTOL -                   | 226,510   | 133     | 84  | 19                                       | 36          | 1        | 2                 | 1           | -                   | -         | -          | -                                    | 2                                | 4             | 5           | -                   | 22.3                        | 4.5                                | 38.8 | 18.0 | 29.6 | -1.33 | 0.10 | 0.25 | BRISTOL.       |
| WOLVERHAMPTON -             | 81,691  | 60      | 35  | 7  | 12          | -        | 2                 | 1           | -                   | 4         | -          | -                                    | 9                                | 17            | 18          | 4                   | 18.9                        | 1.6                                | 38.8 | 18.0 | 29.6 | -1.33 | 0.10 | 0.25 | WOLVERHAMPTON. |
| BIRMINGHAM -                | 447,812   | 273     | 162                                       | 47                                       | 35          | -        | 4                 | 1           | -                   | 5         | -          | 4                                    | 1                                | 6             | 15          | 1                   | 24.2                        | 1.8                                | 42.6 | 24.1 | 31.5 | -0.28 | 0.11 | 0.28 | BIRMINGHAM.    |
| LEICESTER* -                | 146,790   | 108     | 68  | 19                                       | 24          | -        | 2                 | -           | -                   | 3         | -          | 2                                    | 1                                | 6             | 15          | 1                   | 24.2                        | 1.8                                | 42.6 | 24.1 | 31.5 | -0.28 | 0.11 | 0.28 | LEICESTER.     |
| NOTTINGHAM* -               | 230,921   | 132     | 89  | 21                                       | 20          | 1        | 4                 | 1           | -                   | 2         | 7          | 1                                    | 3                                | 6             | 6           | 1                   | 20.1                        | 3.6                                | 41.2 | 24.1 | 31.5 | -0.28 | 0.10 | 0.25 | NOTTINGHAM.    |
| DERBY -                     | 86,241  | 63      | 47  | 12                                       | 16          | -        | 1                 | 1           | -                   | 1         | 3          | 1                                    | 2                                | 3             | 7           | -                   | 25.5                        | 2.7                                | -    | -    | -    | -     | -    | -    | DERBY.         |
| BIRKENHEAD -                | 100,093   | 46      | 35  | 5  | 6           | -        | 1                 | 1           | 1                   | 1         | 1          | 1                                    | 1                                | 1             | 1           | -                   | 18.2                        | 2.6                                | -    | -    | -    | -     | -    | -    | BIRKENHEAD.    |
| LIVERPOOL -                 | 589,738   | 405     | 270                                       | 65                                       | 38          | -        | 1                 | 5           | -                   | 8         | 4          | -                                    | 7                                | 8             | 49          | 17                  | 23.5                        | 1.6                                | 39.0 | 28.3 | 33.1 | 0.61  | 0.04 | 0.10 | LIVERPOOL.     |
| BOLTON -                    | 113,506   | 70      | 38  | 7  | 8           | -        | -                 | -           | 1                   | 5         | -          | -                                    | 2                                | 2             | 5           | 1                   | 17.5                        | 2.8                                | -    | -    | -    | -     | -    | -    | BOLTON.        |
| MANCHESTER -                | 578,164   | 284     | 186                                       | 48                                       | 38          | 1        | -                 | 3           | 5                   | 3         | 2          | 1                                    | 9                                | 19            | 37          | 5                   | 25.7                        | 2.1                                | -    | -    | -    | -     | -    | -    | MANCHESTER.    |
| SALFORD* -                  | 226,336   | 136     | 78  | 12                                       | 26          | -        | -                 | 1           | 1                   | 2         | -          | 3                                    | 1                                | 4             | 9           | 2                   | 18.0                        | 1.6                                | -    | -    | -    | -     | -    | -    | SALFORD.       |
| OLDHAM -                    | 138,220   | 89      | 64  | 12                                       | 14          | -        | -                 | -           | 2                   | 1         | -          | -                                    | 2                                | 3             | 6           | 3                   | 24.2                        | 1.1                                | -    | -    | -    | -     | -    | -    | OLDHAM.        |
| BLACKBURN -                 | 119,089   | 93      | 78  | 19                                       | 19          | -        | 1                 | 6           | -                   | 1         | 1          | 2                                    | 3                                | 3             | 11          | 1                   | 34.2                        | 4.8                                | -    | -    | -    | -     | -    | -    | BLACKBURN.     |
| PRESTON -                   | 103,234   | 103     | 50  | 17                                       | 14          | -        | -                 | -           | -                   | -         | -          | 1                                    | 1                                | 3             | 3           | 3                   | 25.3                        | 0.5                                | 41.0 | 27.0 | 33.6 | 0.89  | 0.02 | 0.05 | PRESTON.       |
| HUDDERSFIELD -              | 91,419  | 30      | 28  | 5  | 6           | -        | -                 | -           | 1                   | -         | -          | -                                    | 2                                | 2             | 1           | -                   | 16.0                        | 0.6                                | -    | -    | -    | -     | -    | -    | HUDDERSFIELD.  |
| HAULFAX -                   | 80,138  | 51      | 36  | 4  | 8           | -        | -                 | -           | -                   | -         | -          | -                                    | -                                | -             | 10          | 2                   | 23.4                        | 0.0                                | -    | -    | -    | -     | -    | -    | HAULFAX.       |
| BRADFORD* -                 | 229,721   | 143     | 63  | 18                                       | 15          | -        | 2                 | 2           | -                   | 1         | 1          | 2                                    | 3                                | 5             | 9           | -                   | 14.3                        | 1.4                                | 41.0 | 26.6 | 32.7 | 0.39  | 0.12 | 0.30 | BRADFORD.      |
| LEEDS -                     | 351,210   | 236     | 134                                       | 30                                       | 34          | 1        | -                 | 3           | 1                   | -         | -          | 2                                    | 3                                | 13            | 21          | 2                   | 19.9                        | 1.0                                | -    | -    | -    | -     | -    | -    | LEEDS.         |
| SHEFFIELD -                 | 321,711   | 187     | 134                                       | 25                                       | 30          | 21       | -                 | 2           | 2                   | 1         | -          | 1                                    | -                                | 2             | 17          | 10                  | 21.7                        | 4.4                                | -    | -    | -    | -     | -    | -    | SHEFFIELD.     |
| HULL -                      | 202,359   | 126     | 75  | 20                                       | 21          | -        | -                 | 1           | -                   | -         | -          | -                                    | 2                                | 2             | 9           | 3                   | 19.3                        | 0.5                                | 45.0 | 28.0 | 32.9 | 0.50  | 0.04 | 0.10 | HULL.          |
| SUNDERLAND -                | 131,919   | 76      | 34  | 11                                       | 2           | -        | -                 | -           | -                   | 1         | -          | -                                    | 1                                | 2             | 6           | 2                   | 13.4                        | 4.0                                | 40.0 | 29.5 | 34.6 | 1.44  | 0.04 | 0.10 | SUNDERLAND.    |
| NEWCASTLE* -                | 152,003   | 130     | 69  | 14                                       | 19          | -        | 1                 | -           | -                   | 1         | -          | -                                    | 3                                | 5             | 10          | 4                   | 22.6                        | 0.7                                | 39.0 | 30.0 | 34.5 | 1.39  | 0.45 | 0.10 | NEWCASTLE.     |
| CARDIFF* -                  | 168,570   | 100     | 53  | 12                                       | 6           | -        | -                 | -           | -                   | -         | -          | -                                    | 4                                | 11            | 9           | 1                   | 25.5                        | 2.4                                | -    | -    | -    | -     | -    | -    | CARDIFF.       |
| EDINBURGH -                 | 262,783   | 131     | 106                                       | 13                                       | 28          | -        | 5                 | 1           | 1                   | 6         | 1          | 1                                    | 3                                | 9             | 25          | 29                  | 21.1                        | 3.0                                | 45.7 | 30.0 | 34.8 | 1.56  | 0.07 | 0.18 | EDINBURGH.     |
| GLASGOW -                   | 526,058   | 339     | 278                                       | 50                                       | 44          | -        | 3                 | 4           | 4                   | 17        | -          | 3                                    | 5                                | 9             | 40          | 32                  | 27.6                        | 3.1                                | 47.5 | 30.0 | 36.6 | 2.56  | 0.00 | 0.00 | GLASGOW.       |
| DUBLIN -                    | 353,052   | 187     | 230                                       | 33                                       | 63          | 1        | 3                 | 5           | 3                   | 6         | 5          | 2                                    | 8                                | 10            | 59          | 30                  | 34.0                        | 3.7                                | 41.0 | 25.3 | 36.0 | 1.67  | 0.04 | 0.10 | DUBLIN.        |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the NINTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2441 | 2602 | 2777 | 2620 | 2589 | 2773 | 2751 | 2623 | 2640 | 2572 | 2877.5   | 2778 |
| Males . .           | 1221 | 1350 | 1446 | 1348 | 1291 | 1386 | 1407 | 1378 | 1392 | 1267 | 1470.6   | 1459 |
| Females .           | 1220 | 1252 | 1331 | 1272 | 1298 | 1387 | 1344 | 1245 | 1248 | 1305 | 1406.9   | 1319 |
| <b>TOTAL Deaths</b> | 1637 | 1771 | 1607 | 1633 | 1790 | 1590 | 1483 | 1495 | 2143 | 1635 | 1830.2   | 1794 |
| Males . .           | 816  | 917  | 810  | 850  | 868  | 795  | 768  | 751  | 1027 | 812  | 917.5  | 910  |
| Females .           | 821  | 854  | 797  | 783  | 922  | 795  | 715  | 744  | 1116 | 823  | 912.7  | 884  |

\* The numbers in this column are the average weekly numbers in the ninth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Dec.<br>10. | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. |
|--|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|
| <b>TOTAL Births</b> - -                    | 2497        | 2516        | 2406        | 2326        | 2845       | 2556        | 2688        | 2715        | 2688       | 2830        | 2569        | 2473        | 2778       |
| <b>TOTAL Deaths</b> - -                    | 1577        | 1625        | 1502        | 1882        | 1868       | 1940        | 2000        | 1816        | 1894       | 1838        | 1689        | 1772        | 1794       |
| 0-20 - -                                   | 763         | 755         | 764         | 893         | 860        | 815         | 872         | 849         | 907        | 807         | 763         | 772         | 795        |
| 20-40 - -                                  | 202         | 196         | 171         | 216         | 202        | 257         | 228         | 215         | 210        | 205         | 178         | 199         | 215        |
| 40-60 - -                                  | 245         | 291         | 227         | 324         | 341        | 327         | 386         | 304         | 319        | 293         | 300         | 331         | 313        |
| 60-80 - -                                  | 300         | 316         | 280         | 361         | 379        | 441         | 417         | 366         | 368        | 440         | 353         | 388         | 391        |
| at 80 years & upwds.                       | 67          | 67          | 60          | 88          | 86         | 100         | 97          | 82          | 90         | 93          | 95          | 82          | 80         |
| Deaths of children { Under 1 year -        | 345         | 342         | 362         | 458         | 387        | 367         | 403         | 394         | 413        | 394         | 360         | 351         | 371        |
| { 1-5 - -                                  | 307         | 306         | 294         | 325         | 351        | 337         | 349         | 353         | 366        | 310         | 304         | 320         | 302        |
| { 5-20 - -                                 | 111         | 107         | 108         | 110         | 122        | 111         | 120         | 102         | 128        | 103         | 99          | 101         | 122        |
| Deaths from Small-pox -                    | -           | -           | -           | -           | -          | 1           | -           | -           | -          | -           | 1           | -           | -          |
| " " Measles - -                            | 32          | 17          | 30          | 28          | 25         | 25          | 14          | 16          | 18         | 15          | 14          | 18          | 15         |
| " " Scarlet fever -                        | 42          | 41          | 39          | 40          | 37         | 25          | 42          | 29          | 39         | 36          | 30          | 32          | 27         |
| " " Diphtheria - -                         | 27          | 23          | 24          | 22          | 28         | 16          | 22          | 29          | 29         | 40          | 18          | 30          | 24         |
| " " Whooping-cough -                       | 70          | 106         | 104         | 130         | 120        | 152         | 138         | 168         | 177        | 153         | 122         | 127         | 94         |
| " " Typhus - -                             | -           | -           | -           | -           | 1          | -           | -           | -           | -          | -           | -           | -           | -          |
| " " Enteric fever -                        | 30          | 18          | 15          | 19          | 28         | 22          | 26          | 13          | 26         | 12          | 18          | 16          | 15         |
| " " Simple Cont'd fever -                  | 1           | 2           | 1           | -           | 2          | 1           | 1           | 3           | 1          | -           | -           | -           | -          |
| " " Diarrhoea and } Dysentery -            | 12          | 12          | 8           | 12          | 12         | 11          | 15          | 11          | 15         | 12          | 8           | 8           | 10         |
| " " Cholera - -                            | -           | -           | -           | -           | -          | -           | -           | -           | -          | -           | -           | 1           | -          |
| Deaths from the above-mentioned Diseases } | 214         | 219         | 221         | 251         | 253        | 253         | 258         | 267         | 307        | 269         | 211         | 232         | 185        |
| " " Dis. of Respiratory System }           | 408         | 413         | 357         | 442         | 502        | 579         | 591         | 534         | 516        | 504         | 437         | 473         | 488        |
| " " Phthisis - -                           | 138         | 145         | 129         | 162         | 161        | 187         | 153         | 154         | 159        | 149         | 131         | 170         | 165        |
| " " Dis. of Circulatory System }           | 125         | 113         | 133         | 142         | 166        | 160         | 179         | 143         | 154        | 163         | 127         | 134         | 137        |
| Violent Deaths - -                         | 49          | 53          | 46          | 74          | 65         | 69          | 78          | 59          | 55         | 58          | 39          | 62          | 65         |
| Inquest Cases - -                          | 105         | 122         | 113         | 165         | 156        | 146         | 155         | 127         | 131        | 119         | 88          | 107         | 149        |
| Deaths in Public Institutions              | 317         | 373         | 316         | 380         | 366        | 436         | 413         | 381         | 388        | 408         | 358         | 405         | 379        |
| TEMPERATURE OF THE AIR                     |             |             |             |             |            |             |             |             |            |             |             |             |            |
| Mean - -                                   | 40.4        | 41.7        | 34.9        | 32.1        | 40.2       | 38.1        | 34.7        | 40.7        | 33.7       | 43.6        | 34.1        | 29.8        | 31.5       |
| Mean of Highest readings -                 | 45.6        | 46.2        | 38.0        | 35.4        | 44.8       | 41.4        | 37.5        | 44.6        | 38.8       | 48.4        | 38.1        | 33.9        | 35.9       |
| Mean of Lowest readings -                  | 35.4        | 36.3        | 31.1        | 28.0        | 35.4       | 34.3        | 30.7        | 36.8        | 27.6       | 38.9        | 31.1        | 25.9        | 27.5       |
| Humidity of the Air - -                    | 84          | 88          | 89          | 79          | 88         | 97          | 86          | 83          | 78         | 83          | 82          | 76          | 76         |
| Rain-fall in inches - -                    | 0.47        | 0.81        | 0.17        | 0.02        | 0.40       | 0.02        | 0.21        | 0.10        | 0.17       | 0.26        | 0.38        | 0.21        | 0.02       |
| Registered Sunshine (in hours)             | 2.9         | 5.8         | 1.9         | 6.2         | 4.1        | 0.0         | 2.5         | 3.0         | 11.1       | 1.8         | 5.6         | 6.0         | 10.4       |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATION (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Gleisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIlklandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINTH Week of the Year 1888.

| CAUSES OF DEATH.                           | Corrected Averages for the 9th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 3rd March 1888. |           |      |       |                  |                  |                  |                       | Corrected Averages for the 9th Weeks of the 10 years 1878-87.* | CAUSES OF DEATH. | Corrected Averages for the 9th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 3rd March 1888. |           |      |       |                  |                  |                  |                       |
|--|--|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|------------------|--|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|
|  |  | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |                       |  |                  |  | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |                       |
|  |  | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |  |                  |  | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |
|  |  |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |                  |  |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |
| ALL CAUSES -                               | 1830.2   | 1794   | 371       | 302  | 122   | 215              | 313              | 391              | 80                    | Diseases of Organs of Special Sense † - -                      | 2.8              | 3  | -  | -         | -    | 1     | 1                | 1                | -                |                       |
| Small-pox { Vaccinated † - -               | 20.7   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - -                           | 123.0            | 137  | 1  | 1         | 8    | 22    | 45               | 47               | 13               | -                     |
| Unvaccinated - - -                         |  | -  | -         | -    | -     | -                | -                | -                | -                     | Croup - - - - -  | 14.8             | 15   | 2  | 10        | 3    | -     | -                | -                | -                | -                     |
| No Statement - - -                         |  | -  | -         | -    | -     | -                | -                | -                | -                     | Bronchitis - - -   | 329.4            | 314  | 59   | 53        | 6    | 8     | 67               | 114              | 17               | -                     |
| Measles - - - - -                          | 36.7   | 15   | 2         | 13   | -     | -                | -                | -                | -                     | Pneumonia - - -  | 102.3            | 105  | 17   | 25        | 10   | 13    | 17               | 22               | 1                | -                     |
| Scarlet Fever - - -                        | 26.1   | 27   | 3         | 15   | 8     | 1                | -                | -                | -                     | Pleurisy - - - -   | 6.7              | 9  | -  | -         | -    | 3     | 3                | 2                | 1                | -                     |
| Typhus - - - - -                           | 1.2  | -  | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - -                     | 43.4             | 45   | 9  | 7         | 2    | 5     | 10               | 12               | -                | -                     |
| Relapsing Fever † - -                      | 0.0  | -  | -         | -    | -     | -                | -                | -                | -                     | Dentition † - - -  | 18.1             | 13   | 8  | 5         | -    | -     | -                | -                | -                | -                     |
| Influenza - - - -                          | 0.4  | -  | -         | -    | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † - -                                      | 2.8              | 5  | 1  | 3         | -    | -     | 1                | -                | -                | -                     |
| Whooping-cough - -                         | 92.0   | 94   | 36        | 54   | 4     | -                | -                | -                | -                     | Enteritis - - - -  | 4.8              | 2  | 1  | -         | -    | -     | -                | 1                | -                | -                     |
| Diphtheria - - - -                         | 13.3   | 21   | 1         | 17   | 6     | -                | -                | -                | -                     | Peritonitis - - -  | 6.3              | 7  | -  | 1         | -    | 4     | -                | -                | 2                | -                     |
| Simple Continued and Ill-defined Fever - - | 2.2  | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Liver - -  | 31.3             | 22   | 1  | -         | 5    | 11    | 4                | 1                | -                | -                     |
| Enteric Fever - - -                        | 12.4   | 15   | -         | -    | 4     | 9                | 2                | -                | -                     | Other Diseases of Digestive System - -                         | 29.8             | 36   | 8  | 1         | 1    | 3     | 6                | 15               | 2                | -                     |
| Cholera - - - - -                          | 0.0  | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - -      | 0.9              | 6  | -  | -         | -    | 3     | 3                | -                | -                | -                     |
| Diarrhoea, Dysentery -                     | 14.7   | 10   | 5         | 4    | -     | 1                | -                | -                | -                     | Diseases of Urinary System - - -                               | 41.3             | 42   | -  | 1         | 3    | 6     | 15               | 17               | -                | -                     |
| Remittent Fever † - -                      | 0.2  | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - -                            | 7.7              | 6  | -  | -         | -    | 4     | 1                | 1                | -                | -                     |
| Hydrophobia - - -                          | 0.2  | -  | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth - -                                    | 5.9              | 4  | -  | -         | -    | 4     | -                | -                | -                | -                     |
| Glanders - - - - -                         | 0.0  | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Locomotive System † - - -                          | 10.6             | 12   | -  | 3         | 4    | 3     | 1                | 1                | -                | -                     |
| Cowpox and Effects of Vaccination † - - -  | 0.2  | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Integumentary System - - -                         | 7.4              | 2  | -  | -         | -    | -     | -                | 1                | 1                | -                     |
| Venereal Affections -                      | 11.3   | 13   | 6         | 1    | -     | 2                | 4                | -                | -                     | VIOLENT DEATHS. ‡  |                  |  |  |           |      |       |                  |                  |                  |                       |
| Erysipelas - - - -                         | 7.8  | 6  | 2         | -    | -     | 2                | 1                | -                | 1                     | ACCIDENT.)   |                  |  |  |           |      |       |                  |                  |                  |                       |
| Pyæmia and Septicæmia †                    | 3.7  | 1  | -         | -    | -     | -                | -                | 1                | -                     | Fracture and Contusion   | 19.4             | 20   | -  | 1         | 2    | 5     | 4                | 6                | 2                | -                     |
| Puerperal Fever - -                        | 6.7  | 13   | -         | -    | 1     | 11               | 1                | -                | -                     | Gunshot Wound - -  | 0.1              | 1  | -  | -         | 1    | -     | -                | -                | -                | -                     |
| Other Zymotic Diseases †                   | 1.9  | 1  | -         | 1    | -     | -                | -                | -                | -                     | Cut, Stab - - - -  | 0.3              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |
| Thrush - - - - -                           | 2.5  | 1  | 1         | -    | -     | -                | -                | -                | -                     | Burn and Scald - -   | 7.2              | 18   | -  | 12        | 1    | -     | 4                | 1                | -                | -                     |
| Worms and other Parasitical Diseases - - - | 0.7  | -  | -         | -    | -     | -                | -                | -                | -                     | Poison - - - - -   | 1.6              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |
| Starvation, Want of Breast-milk † - - -    | 1.8  | 2  | -         | -    | -     | 2                | -                | -                | -                     | Drowning - - - -   | 4.8              | 4  | -  | 2         | 1    | -     | 1                | -                | -                | -                     |
| Alcoholism - - - -                         | 8.1  | 11   | -         | -    | -     | 1                | 6                | 4                | -                     | Suffocation - - -  | 15.3             | 14   | 12   | 1         | -    | -     | -                | 1                | -                | -                     |
| Rheumatic Fever and Rheumatism of Heart    | 11.3   | 7  | -         | -    | 2     | 1                | 3                | 1                | -                     | Otherwise - - - -  | 2.4              | 3  | 2  | -         | 1    | -     | -                | -                | -                | -                     |
| Rheumatism - - - -                         |  | 2  | -         | -    | -     | -                | -                | 2                | -                     | (HOMICIDE.)  |                  |  |  |           |      |       |                  |                  |                  |                       |
| Gout - - - - -                             |  | 3.9  | 4         | -    | -     | -                | 2                | 2                | -                     | Murder & Manslaughter  | 0.8              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |
| Rickets † - - - -                          | 3.3  | 7  | 1         | 6    | -     | -                | -                | -                | -                     | (SUICIDE.)   |                  |  |  |           |      |       |                  |                  |                  |                       |
| Cancer - - - - -                           | 49.7   | 44   | 1         | -    | 2     | 1                | 22               | 18               | -                     | Gunshot Wound - -  | 0.9              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |
| Tabes Mesenterica -                        | 26.6   | 24   | 10        | 12   | 2     | -                | -                | -                | -                     | Cut, Stab - - - -  | 1.2              | 1  | -  | -         | -    | 1     | 1                | -                | -                | -                     |
| Tubercular Meningitis -                    | 30.8   | 32   | 9         | 16   | 6     | 1                | -                | -                | -                     | Poison - - - - -   | 1.5              | 2  | -  | -         | -    | -     | -                | -                | -                | -                     |
| Phthisis - - - - -                         | 132.2  | 165  | 2         | 4    | 25    | 83               | 44               | 10               | -                     | Drowning - - - -   | 1.7              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |
| Scrofula, Tuberculosis                     | 16.1   | 18   | 6         | 6    | 5     | -                | 1                | -                | -                     | Hanging - - - - -  | 1.4              | 2  | -  | -         | 1    | -     | 1                | -                | -                | -                     |
| Other Constitutional Diseases † - - -      | 12.0   | 16   | 1         | -    | -     | 7                | 3                | 5                | -                     | Otherwise - - - -  | 0.3              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |
| Premature Birth - - -                      | 35.3   | 28   | 23        | -    | -     | -                | -                | -                | -                     | (EXECUTION.)   |                  |  |  |           |      |       |                  |                  |                  |                       |
| Atelectasis † - - -                        | 1.8  | -  | -         | -    | -     | -                | -                | -                | -                     | Hanging - - - - -  | 0.0              | -  | -  | -         | -    | -     | -                | -                | -                | -                     |
| Congenital Malformations - - -             | 7.5  | 11   | 10        | 1    | -     | -                | -                | -                | -                     | OTHER CAUSES † - -   | 62.0             | 73   | 65   | 3         | -    | -     | 1                | 3                | 1                | -                     |
| Old Age - - - - -                          | 60.5   | 66   | -         | -    | -     | -                | -                | 38               | 28                    |  |                  |  |  |           |      |       |                  |                  |                  |                       |
| Apoplexy - - - - -                         | 49.6   | 48   | -         | 1    | -     | 3                | 17               | 22               | 5                     |  |                  |  |  |           |      |       |                  |                  |                  |                       |
| Epilepsy - - - - -                         | 8.2  | 6  | -         | -    | 2     | 1                | 1                | 2                | -                     |  |                  |  |  |           |      |       |                  |                  |                  |                       |
| Convulsions - - - -                        | 57.8   | 59   | 48        | 10   | 1     | -                | -                | -                | -                     |  |                  |  |  |           |      |       |                  |                  |                  |                       |
| Other Diseases of Brain and Nervous System | 101.2  | 101  | 13        | 15   | 10    | 9                | 17               | 32               | 5                     |  |                  |  |  |           |      |       |                  |                  |                  |                       |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.048 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



**TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending**

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total Births during the<br>Week. | Total DEATHS during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |    | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |  |
|---|--|---|----------------------------------|----------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----|----|-----------------------------------|---------------------------------|--|
|   |  |   |                                  |                                  | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |     |    |                                   |                                 |  |
|   |  |   |                                  |                                  | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |     |    |                                   |                                 |  |
| LONDON . . . . .  |  | 3,815,704   | 2778                             | 1794                             | 371                                       | 471                                 | -           | 15       | 27             | 24          | 94              | -       | 15                             | -                            | 10         | 65        | 149            | 379 | 19 |                                   |                                 |  |
| WEST DISTRICTS . . . . .  |  | 669,693   | 430                              | 316                              | 60  | 86                                  | -           | 2        | 3              | 5           | 16              | -       | 4                              | -                            | 1          | 9         | 23             | 90  | -  |                                   |                                 |  |
| NORTH DISTRICTS . . . . .   |  | 905,947   | 643                              | 379                              | 88  | 90                                  | -           | 7        | 14             | 2           | 19              | -       | 1                              | -                            | 2          | 13        | 31             | 71  | -  |                                   |                                 |  |
| CENTRAL DISTRICTS . . . . .   |  | 282,288   | 193                              | 152                              | 24  | 36                                  | -           | -        | 1              | 4           | 2               | -       | 1                              | -                            | 1          | 9         | 14             | 42  | -  |                                   |                                 |  |
| EAST DISTRICTS . . . . .  |  | 692,738   | 571                              | 332                              | 68  | 86                                  | -           | 3        | 4              | 3           | 21              | -       | 5                              | -                            | 1          | 20        | 40             | 83  | 3  |                                   |                                 |  |
| SOUTH DISTRICTS . . . . .   |  | 1,365,148   | 941                              | 613                              | 181                                       | 173                                 | -           | 3        | 3              | 10          | 36              | -       | 4                              | -                            | 5          | 14        | 33             | 91  | 16 |                                   |                                 |  |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -   | -                                | 2                                | -   | -                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   | -  |                                   |                                 |  |
| WEST DISTRICTS.   |  |   |                                  |                                  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |    |                                   |                                 |  |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69889   | 51                               | 36                               | 10  | 12                                  | -           | -        | -              | 1           | 2               | 2       | -                              | -                            | -          | -         | 1              | 2   | 7  | -                                 |                                 |  |
| St. John Paddington H - - G.J.  |  | 37380   | 18                               | 15                               | 3   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 3   | 6  | -                                 |                                 |  |
| Kensington Town Ww - - - W.M.   |  | 120141  | 54                               | 50                               | 11  | 16                                  | -           | 1        | -              | -           | 4               | -       | -                              | -                            | -          | -         | 2              | 9   | 14 | -                                 |                                 |  |
| Brompton HH - - - W.M. & C.   |  | 48010   | 7                                | 8                                | -   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| St. Peter Hammersmith - - - W.M.  |  | 7599  | 1                                | 3                                | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1   | -  | -                                 |                                 |  |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340   | 52                               | 30                               | 11  | 10                                  | -           | 1        | -              | -           | 6               | -       | 1                              | -                            | -          | -         | 1              | -   | -  | -                                 |                                 |  |
| Fulham Ww - - - W.M. & C.   |  | 42900   | 75                               | 36                               | 8   | 7                                   | -           | -        | -              | -           | 1               | 2       | -                              | -                            | -          | -         | 1              | 6   | 7  | -                                 |                                 |  |
| Chelsea South HHH - - - C.  |  | 30396   | 27                               | 11                               | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | -  | -                                 |                                 |  |
| Chelsea North-west WHHHHH C.  |  | 24925   | 22                               | 23                               | 1   | 3                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 1              | 3   | 16 | -                                 |                                 |  |
| Chelsea North-east - - - C.   |  | 32807   | 27                               | 17                               | 3   | 8                                   | -           | -        | -              | -           | 1               | 2       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| May Fair WW - - - G.J.  |  | 60353   | 12                               | 18                               | 1   | 10                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | 17 | -                                 |                                 |  |
| Belgrave WHHH - - - C.  |  | 59220   | 25                               | 25                               | 4   | 2                                   | -           | -        | 1              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 1   | 11 | -                                 |                                 |  |
| St. John Westminster HHH - C.   |  | 85496   | 31                               | 12                               | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | 1  | -                                 |                                 |  |
| St. Margaret Westminster H - C.   |  | 24679   | 10                               | 11                               | 1   | 3                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | 4  | -                                 |                                 |  |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941   | 10                               | 14                               | -   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | 5  | -                                 |                                 |  |
| St. Anne Soho HHHHHHH - N.R.  |  | 18698   | 8                                | 7                                | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | 2  | -                                 |                                 |  |
| NORTH DISTRICTS.  |  |   |                                  |                                  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |    |                                   |                                 |  |
| All Souls Marylebone HHHH - W.M.  |  | 26759   | 7                                | 8                                | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 3   | 2  | -                                 |                                 |  |
| Cavendish Square HHHH - - W.M.  |  | 14891   | 7                                | 4                                | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | 2  | -                                 |                                 |  |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809   | 7                                | 11                               | 3   | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   | -  | -                                 |                                 |  |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118   | 37                               | 7                                | 3   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Christchurch Marylebone H - W.M.  |  | 38700   | 20                               | 16                               | 8   | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | 1   | -  | -                                 |                                 |  |
| St. John Marylebone H - - W.M.  |  | 33633   | 26                               | 5                                | 3   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Hampstead WwvHHHH N.R. & W.M.   |  | 45452   | 25                               | 21                               | 2   | 7                                   | -           | 1        | 2              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | 2   | 3  | -                                 |                                 |  |
| Regent's Park Pancras H - - W.M.  |  | 89115   | 25                               | 18                               | 2   | 2                                   | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -          | -         | 3              | 1   | -  | -                                 |                                 |  |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729   | 19                               | 20                               | 2   | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 4   | 15 | -                                 |                                 |  |
| Gray's Inn Lane HHH - - - N.R.  |  | 80247   | 28                               | 13                               | 1   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   | 1  | -                                 |                                 |  |
| Somers Town H - - - N.R.  |  | 34699   | 23                               | 13                               | 1   | 5                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | 3  | -                                 |                                 |  |
| Camden Town WH - - - N.R.   |  | 17311   | 23                               | 28                               | 4   | 12                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | 15 | -                                 |                                 |  |
| Kentish Town W - - - N.R.   |  | 87487   | 67                               | 37                               | 8   | 6                                   | -           | -        | -              | -           | 5               | -       | -                              | -                            | -          | -         | -              | 2   | 7  | -                                 |                                 |  |
| Upper Holloway WwvH - - - N.R.  |  | 67948   | 53                               | 35                               | 7   | 8                                   | -           | 1        | 1              | -           | 2               | -       | -                              | -                            | -          | -         | 1              | 2   | 12 | -                                 |                                 |  |
| Islington South-west HH - - N.R.  |  | 100976  | 67                               | 29                               | 7   | 5                                   | -           | -        | -              | -           | 3               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Islington South-east - - - N.R.   |  | 81826   | 34                               | 24                               | 8   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Highbury H - - - N.R.   |  | 52043   | 42                               | 19                               | 4   | 8                                   | -           | 2        | 1              | -           | 2               | -       | -                              | -                            | -          | -         | 1              | 2   | -  | -                                 |                                 |  |
| Stoke Newington H - - - N.R.  |  | 22781   | 16                               | 7                                | 5   | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Stamford Hill - - - E.L.  |  | 9277  | 11                               | 5                                | -   | 1                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| West Hackney - - - N.R.   |  | 87610   | 33                               | 12                               | 5   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Hackney WwvH - - - E.L. & N.R.  |  | 76911   | 61                               | 35                               | 8   | 6                                   | -           | -        | 7              | -           | -               | -       | 1                              | -                            | -          | -         | -              | 2   | 14 | -                                 |                                 |  |
| South Hackney - - - E.L.  |  | 39883   | 31                               | 19                               | 2   | 4                                   | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | 2   | -  | -                                 |                                 |  |
| CENTRAL DISTRICTS.  |  |   |                                  |                                  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |    |                                   |                                 |  |
| St. George Bloomsbury - - - N.R.  |  | 16681   | 11                               | 6                                | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| St. Giles South WH - - - N.R.   |  | 14864   | 42                               | 15                               | -   | 5                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 1   | 6  | -                                 |                                 |  |
| St. Giles North - - - N.R.  |  | 18837   | 4                                | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508   | 8                                | 5                                | 2   | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 1   | 3  | -                                 |                                 |  |
| St. Mary-le-Strand H - - - N.R.   |  | 7515  | 1                                | 1                                | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| St. Clement Danes H - - - N.R.  |  | 8559  | 3                                | 4                                | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | 2  | -                                 |                                 |  |
| Strand Union Workhouse, Edmonton w.   |  | -   | -                                | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| St. Geo.-the-Martyr HHHHHHH N.R.  |  | 18671   | 14                               | 12                               | 3   | 1                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2   | 5  | -                                 |                                 |  |
| St. Andrew Eastern W - - - N.R.   |  | 10706   | 7                                | 9                                | -   | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | 5  | -                                 |                                 |  |
| Saffron Hill H - - - N.R.   |  | 6533  | 4                                | 3                                | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| St. James Clerkenwell - - - N.R.  |  | 17516   | 15                               | 18                               | 5   | 5                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 1   | -  | -                                 |                                 |  |
| Amwell Clerkenwell - - - N.R.   |  | 19281   | 7                                | 4                                | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Pentonville - - - N.R.  |  | 14773   | 12                               | 7                                | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Goswell-street - - - N.R.   |  | 17696   | 10                               | 11                               | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2   | 3  | -                                 |                                 |  |
| Old-street H - - - N.R.   |  | 11641   | 9                                | 5                                | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| City-road HHL - - - N.R.  |  | 18628   | 22                               | 6                                | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Whitecross-street - - - N.R.  |  | 9217  | 5                                | 4                                | 1   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Finsbury - - - N.R.   |  | 7463  | 6                                | 4                                | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Holborn Union Workhouse, Mitcam, w.   |  | -   | -                                | 1                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| St. Botolph H - - - N.R. & E.L.   |  | 11174   | 3                                | 7                                | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | -  | -                                 |                                 |  |
| Cripplegate - - - N.R.  |  | 7193  | 3                                | 4                                | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| St. Sepulchre H - - - N.R.  |  | 5393  | 8                                | 20                               | 1   | 2                                   | -           | -        | -              | -           | 2               | -       | -                              | 1                            | -          | -         | -              | 4   | 4  | 20                                |                                 |  |
| St. Bride W - - - N.R.  |  | 8396  | 2                                | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Allhallows Barking - - - N.R.   |  | 18666   | 2                                | 3                                | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |
| Broad Street H - - - N.R.   |  | 5652  | -                                | 3                                | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -  | -                                 |                                 |  |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.*, signifies Grand Junction Company; *W.M.*, West Middlesex; *C.*, Chelsea; *S.*, Southwark and Vauxhall; *L.*, Lambeth; *N.R.*, New River; *E.L.*, East London; and *K.*, the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
 on the 3rd March, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |             | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Riatus during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |            |          |                |             |                 |         |                                |                             |            |           |    | Inquest Cases. | Deaths in Public<br>institutions. | Unrecorded Causes<br>of Death. |
|--------------------------------|-------------|--|-------------------------------------|-------------------------------------|---|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|-----------------------------|------------|-----------|----|----------------|-----------------------------------|--------------------------------|
|                                |             |  |                                     |                                     | Deaths from                               |                                     |            |          |                |             |                 |         |                                |                             |            |           |    |                |                                   |                                |
|                                |             |  |                                     |                                     | Infants under<br>Year of Age.             | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Euterie (or<br>Typhoid) Fever. | Sinus con-<br>tinued Fever. | Diarrhoea. | Violence. |    |                |                                   |                                |
| EAST DISTRICTS.                |             |  |                                     |                                     |   |                                     |            |          |                |             |                 |         |                                |                             |            |           |    |                |                                   |                                |
| lywell Shoreditch              | N.R. & E.L. | 7376   | 4                                   | -                                   | -   | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | -          | -         | -  | -              |                                   |                                |
| Leonard Shoreditch             | HL*         | 14967  | 14                                  | 5                                   | 1   | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | -          | -         | -  | -              |                                   |                                |
| xton New Town                  | w           | 29687  | 27                                  | 23                                  | 4   | 14                                  | -          | -        | -              | -           | -               | -       | -                              | -                           | -          | 4         | 9  | -              |                                   |                                |
| xton Old Town                  | -           | 28086  | 22                                  | 18                                  | 5   | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | -          | 5         | -  | -              |                                   |                                |
| ggerston                       | WH          | 46275  | 33                                  | 23                                  | 3   | 11                                  | -          | -        | 1              | 1           | 1               | 1       | 1                              | 1                           | 1          | 2         | 11 | -              |                                   |                                |
| kney-road                      | H           | 29798  | 19                                  | 7                                   | 1   | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | -          | 1         | 1  | -              |                                   |                                |
| een, Bethnal Green             | WHL*        | 47982  | 39                                  | 25                                  | 2   | 12                                  | -          | 1        | 1              | -           | 1               | -       | -                              | -                           | 1          | 1         | 13 | -              |                                   |                                |
| urch, Bethnal Green            | -           | 29981  | 27                                  | 14                                  | 2   | 4                                   | -          | 1        | 1              | -           | 1               | -       | -                              | -                           | 2          | 2         | -  | -              |                                   |                                |
| wn, Bethnal Green              | -           | 19810  | 12                                  | 4                                   | 2   | -                                   | -          | 1        | 1              | -           | -               | 1       | -                              | -                           | -          | -         | -  | -              |                                   |                                |
| talfields                      | -           | 29285  | 13                                  | 19                                  | 4   | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | -          | 1         | -  | -              |                                   |                                |
| le End New Town                | w           | 16478  | 21                                  | 15                                  | 4   | 5                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | 1          | 2         | 11 | -              |                                   |                                |
| the Chapel Church              | H           | 17490  | 13                                  | 25                                  | 2   | -                                   | -          | -        | -              | -           | 12              | -       | 1                              | -                           | 6          | 6         | 19 | -              |                                   |                                |
| odman's Fields                 | -           | 8713   | 6                                   | 2                                   | -   | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | -          | -         | -  | -              |                                   |                                |
| dgate                          | -           | 6102   | 4                                   | 5                                   | -   | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | 1          | -         | -  | -              |                                   |                                |
| George's, North                | -           | 38747  | 39                                  | 15                                  | 4   | 2                                   | -          | -        | -              | -           | 2               | -       | 1                              | -                           | 1          | 1         | 4  | -              |                                   |                                |
| John, St. George East          | W           | 8410   | 8                                   | 10                                  | 1   | 5                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | 1          | 1         | -  | -              |                                   |                                |
| adwell                         | HH          | 10895  | 7                                   | 7                                   | 1   | 1                                   | -          | -        | -              | -           | 1               | -       | -                              | -                           | -          | 2         | -  | -              |                                   |                                |
| tollm                          | -           | 16107  | 11                                  | 5                                   | 1   | 1                                   | -          | -        | -              | -           | 1               | -       | -                              | -                           | -          | -         | -  | 1              |                                   |                                |
| nchouse                        | -           | 32041  | 19                                  | 12                                  | 4   | 2                                   | -          | -        | 1              | -           | 2               | -       | -                              | -                           | -          | -         | -  | -              |                                   |                                |
| le End Old Town West           | -           | 37960  | 32                                  | 17                                  | 7   | 4                                   | -          | 1        | -              | -           | 2               | -       | -                              | -                           | 3          | -         | -  | -              |                                   |                                |
| le End Old Town East           | WwH         | 67658  | 61                                  | 20                                  | 6   | 5                                   | -          | 1        | -              | -           | -               | -       | -                              | -                           | 1          | 1         | -  | -              |                                   |                                |
| w                              | -           | 37074  | 44                                  | 14                                  | 5   | 2                                   | -          | -        | -              | 1           | 3               | -       | -                              | -                           | 2          | -         | -  | -              |                                   |                                |
| omley view                     | R           | 64859  | 59                                  | 17                                  | 4   | 7                                   | -          | -        | -              | 1           | 1               | -       | -                              | -                           | 8          | 9         | 1  | -              |                                   |                                |
| plar                           | WwH         | 56077  | 37                                  | 17                                  | 5   | 3                                   | -          | -        | -              | 1           | 1               | -       | 1                              | -                           | 1          | 4         | 3  | 1              |                                   |                                |
| SOUTH DISTRICTS.               |             |  |                                     |                                     |   |                                     |            |          |                |             |                 |         |                                |                             |            |           |    |                |                                   |                                |
| rishchurch Southwark           | WH          | 13663  | 13                                  | 5                                   | -   | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | -          | -         | 4  | -              |                                   |                                |
| Saviour Southwark              | -           | 14999  | 8                                   | 6                                   | 1   | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | 1          | -         | -  | 1              |                                   |                                |
| t-road                         | -           | 21281  | 17                                  | 10                                  | 2   | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | 2          | -         | -  | -              |                                   |                                |
| rough-road                     | WH          | 13953  | 11                                  | 7                                   | 1   | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | 1          | 1         | -  | -              |                                   |                                |
| ndon-road                      | HL          | 21816  | 11                                  | 13                                  | 5   | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | 1          | 2         | 1  | 1              |                                   |                                |
| City Newington                 | -           | 36772  | 17                                  | 11                                  | 8   | 2                                   | -          | -        | -              | -           | 1               | -       | -                              | -                           | 1          | 1         | -  | -              |                                   |                                |
| Peter Walworth                 | W           | 59255  | 62                                  | 11                                  | 5   | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                           | 1          | 2         | -  | -              |                                   |                                |
| Mary Newington                 | -           | 31623  | 17                                  | 8                                   | 4   | -                                   | -          | -        | -              | 1           | 2               | -       | -                              | -                           | -          | -         | -  | 2              |                                   |                                |
| Olive                          | WH          | 11956  | 14                                  | 19                                  | 2   | 4                                   | -          | -        | -              | 1           | -               | -       | -                              | -                           | 1          | 1         | 14 | 1              |                                   |                                |
| other Market                   | -           | 16   |                                     |                                     |   |                                     |            |          |                |             |                 |         |                                |                             |            |           |    |                |                                   |                                |

The following WORKHOUSE ESTABLISHMENTS receive inmates from other Districts than the one in which they stand, and are indicated in the Table by \*:-

Marylebone Infirmary in Kensington Town sub-district.  
 Central London Sick Asylum in Tottenham Court-road sub-district.  
 Holborn Infirmary in Upper Holloway sub-district.  
 London City Workhouse in Hackney sub-district.  
 Holborn " " Hoxton New Town sub-district.  
 Whitechapel " " Mile End Old Town Eastern sub-dist.  
 London City " " Mile End Old Town Eastern sub-dist.  
 " " " Brompton sub-district.  
 Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poniar & Stepney Workhouse " " " " " "  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-  
ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,  
Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 3rd March, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>Includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |    |    |                |                                   |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----|----|----------------|-----------------------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |    |    | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |    |    |                |                                   |
| LONDON—OUTER RING   |                                | 370,924  | 950,967   | 882     | 473     | 117                                       | 111                                 | -           | 5        | 3              | 9           | 43              | 3      | 3          | 10        | 22 | 55 |                |                                   |
| 30:1  | Carshalton wL -                | 12228  | 21118   | 9       | 14      | -   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 13 |                |                                   |
| 2   | Epsom (part of)* wW†           | 9971   | 10710   | 5       | 8       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 3  |                |                                   |
| 37:1  | Godstone (part of)* -          | 2754   | 1235  | 3       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 38:1  | Croydon wvHLL -                | 20851  | 101241  | 67      | 47      | 6   | 13                                  | -           | -        | -              | -           | 5               | -      | -          | 1         | 2  | 9  |                |                                   |
| 2   | Mitcham w† -                   | 11697  | 17982   | 12      | 6       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  |                |                                   |
| 39:1  | Wimbledon HHH -                | 8220   | 15950   | 19      | 9       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  |                |                                   |
| 2   | Kingston WHH -                 | 8549   | 38354   | 29      | 17      | 2   | 10                                  | -           | -        | -              | -           | -               | -      | -          | 1         | 2  | 2  |                |                                   |
| 3   | Esher (part of)* -             | 6801   | 9221  | 10      | 6       | 5   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 4   | Hampton H -                    | 4573   | 13539   | 7       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  |                |                                   |
| 40:1  | Richmond WH -                  | 2272   | 21302   | 13      | 7       | -   | 2                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Mortlake - -                   | 2941   | 12381   | 15      | 7       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  |                |                                   |
| 41:1  | Bromley (pt. of)* HH           | 15669  | 31142   | 24      | 9       | -   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 16844   | 16      | 8       | 3   | 4                                   | -           | -        | -              | -           | 1               | -      | 1          | -         | 1  | 2  |                |                                   |
| 42:1  | Bexley H - -                   | 18437  | 24184   | 17      | 7       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 124:1   | Sunbury w - -                  | 11055  | 11685   | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Staines W - -                  | 13277  | 12069   | 11      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 125:1   | Hillingdon WHH -               | 6029   | 10802   | 4       | 6       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | 2  |                |                                   |
| 2   | Uxbridge - -                   | 6178   | 3225  | 1       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Hayes wHL - -                  | 14587  | 11523   | 7       | 9       | 3   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 4  |                |                                   |
| 126:1   | Isleworth WHH -                | 7008   | 22727   | 13      | 9       | 3   | -                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -  | 4  |                |                                   |
| 2   | Twickenham H -                 | 2477   | 12479   | 1       | 5       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Brentford HL -                 | 4345   | 27649   | 29      | 13      | 1   | 3                                   | -           | -        | -              | 1           | 1               | -      | -          | -         | -  | 1  |                |                                   |
| 4   | Chislewick - -                 | 1340   | 15975   | 8       | 9       | 5   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 5   | Acton wH - -                   | 6083   | 22876   | 16      | 6       | 1   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 127:1   | Harrow H - -                   | 13809  | 12798   | 13      | 4       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Edgware H - -                  | 6994   | 3749  | 2       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Willesden - -                  | 4383   | 27453   | 33      | 16      | 5   | 3                                   | -           | 1        | 1              | -           | 1               | -      | -          | -         | 1  | -  |                |                                   |
| 4   | Hendon W - -                   | 8382   | 10484   | 15      | 4       | -   | 1                                   | -           | -        | -              | 1           | 1               | -      | -          | -         | -  | 1  |                |                                   |
| 128:1   | South Mimms -                  | 15599  | 6391  | 10      | 6       | 1   | 1                                   | -           | 1        | -              | 1           | -               | -      | -          | 1         | 1  | -  |                |                                   |
| 2   | Barnet - -                     | 5433   | 10092   | 1       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Finchley HL -                  | 4688   | 17615   | 10      | 12      | 1   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | 1         | 1  | 6  |                |                                   |
| 129:1   | Hornsey H - -                  | 3039   | 37078   | 32      | 17      | 3   | 8                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 1  | -  |                |                                   |
| 2   | Tottenham H -                  | 4642   | 46486   | 65      | 37      | 13  | 6                                   | -           | 1        | -              | -           | 9               | -      | -          | 1         | 2  | -  |                |                                   |
| 3   | Edmonton wv†                   | 7483   | 22463   | 19      | 17      | 7   | 4                                   | -           | -        | -              | -           | 4               | -      | 1          | -         | 2  | 2  |                |                                   |
| 4   | Enfield WH -                   | 12653  | 19104   | 14      | 10      | 3   | 1                                   | -           | -        | -              | 3           | -               | -      | -          | -         | -  | -  |                |                                   |
| 5   | Waltham Abbey -                | 11017  | 5933  | 6       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 6   | Cheshunt - -                   | 8480   | 7735  | 8       | 5       | -   | 1                                   | -           | 1        | -              | -           | -               | -      | -          | -         | 1  | -  |                |                                   |
| 135:1   | Hatfield (part of)* -          | 3506   | 588   | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 137:1   | Bushey - -                     | 9331   | 6621  | 4       | 4       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 138:1   | Stratford - -                  | 982  | 38606   | 41      | 10      | 4   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 2   | West Ham wvwwH‡                | 7361   | 101063  | 162     | 57      | 19  | 10                                  | -           | -        | 1              | -           | 6               | 3      | -          | 2         | 2  | -  |                |                                   |
| 3   | Leyton wvL -                   | 4372   | 32439   | 36      | 28      | 8   | 6                                   | -           | -        | 1              | -           | 4               | -      | 1          | -         | -  | 6  |                |                                   |
| 4   | Walthamstow H -                | 6590   | 28869   | 40      | 19      | 6   | 1                                   | -           | -        | -              | 3           | 2               | -      | -          | -         | 1  | -  |                |                                   |
| 137:1   | Chigwell (part of)* H          | 11761  | 9689  | 5       | 5       | -   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 139:1   | Romford (part of)* -           | 6730   | 3411  | 2       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Ilford - -                     | 8493   | 7645  | 9       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Barking Town -                 | 4127   | 3203  | 9       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1285); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 247); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Walthamstow, Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 3rd March, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16  |                                   |
| EATER LONDON              | 448,334  | 5,527,886                                      | 21·4  | 2·4                                   | 2267                             | 488                                       | 582  | -           | 20       | 30                | 33          | 137                 | 18     | 13        | 75        | 434 |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 21·9  | 2·3                                   | 1794                             | 371                                       | 471  | -           | 15       | 27                | 24          | 94                  | 15     | 10        | 65        | 379 |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 19·8  | 2·8                                   | 473                              | 117                                       | 111  | -           | 5        | 3                 | 9           | 43                  | 3      | 3         | 10        | 55  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 0·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,137 Persons.

| CITIES.                           | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                            |
|-----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA -                        | 433,219                               | January 28                  | -                               | 227     | 27·3                               | Cholera 16; fevers 65.                                    |
| BOMBAY -                          | 773,196                               | February 7                  | 350                             | 403     | 23·8                               | Small-pox 12; fevers 103.                                 |
| MADRAS -                          | 398,777                               | January 27                  | 300                             | 353     | 40·2                               | Fevers 67; cholera 19; diarrhoeal diseases 65.            |
| PARIS -                           | 2,260,945                             | February 25                 | 1338                            | 1070    | 24·8                               | Typd. fev. 17; sm.-pox 10; dip. & crp. 46; meas. 14.      |
| BRUSSELS -<br>(with 8 Faubourgs.) | 454,410                               | " 25                        | 266                             | 194     | 23·0                               | Typh. and typhd. fev. 2; croup 5.                         |
| AMSTERDAM -                       | 389,916                               | " 25                        | -                               | -       | -                                  | -   |
| ROTTERDAM -                       | 193,660                               | " 25                        | -                               | -       | -                                  | -   |
| THE HAGUE -                       | 149,410                               | " 25                        | -                               | -       | -                                  | -   |
| COPENHAGEN -                      | 300,000                               | " 21                        | 180                             | 114     | 19·8                               | Scar. fev. 11; croup 5; whooping-cough 5.                 |
| STOCKHOLM -                       | 216,807                               | " 18                        | 141                             | 112     | 26·9                               | Scarlet fever 5; diphtheria and croup 5.                  |
| CHRISTIANIA -                     | 134,000                               | " 25                        | 75                              | 69      | 26·2                               | Diphtheria and croup 16; measles 5.                       |
| ST. PETERSBURG                    | 923,016                               | " 18                        | -                               | 660     | 37·1                               | Typ. & typhd. fev. 24; dip. 16; sc. iv. 8; diar. dis. 90. |
| BERLIN -                          | 1,413,603                             | " 11                        | 893                             | 542     | 20·0                               | Diph. 20; scar. fev. 9; typ. & typhd. fev. 7; wh.-ch. 10. |
| HAMBURG (State)                   | 529,091                               | " 18                        | 414                             | 292     | 28·8                               | Typ. & typhd. fev. 10; dip. & croup 4; meas. 8.           |
| DRESDEN -                         | 259,142                               | " 11                        | 181                             | 105     | 21·1                               | Diphtheria and croup 4.                                   |
| BRESLAU -                         | 308,105                               | " 18                        | 211                             | 158     | 27·1                               | Diphtheria 5; whooping-cough 3.                           |
| MUNICH -                          | 275,000                               | " 18                        | 172                             | 153     | 28·9                               | Diphtheria and croup 4; scar. fev. 2; wh.-cgh. 3.         |
| VIENNA -                          | 800,836                               | " 18                        | 546                             | 431     | 28·0                               | Diph. 3; scar. fev. 2; measles 7.                         |
| PRAGUE -                          | 295,857                               | " 25                        | -                               | 195     | 31·4                               | Small-pox 22; diph. 8; typ. and typhd. fev. 7.            |
| BUDA-PESTH -                      | 442,787                               | " 18                        | 334                             | 304     | 35·7                               | Diph. 8; typ. & typhd. fever 7.                           |
| TRIESTE -                         | 156,042                               | " 18                        | -                               | 127     | 42·3                               | Small-pox 6; diph. and crp. 3; wh.-cough 3.               |
| ROME -                            | 382,973                               | January 21                  | 298                             | 245     | 33·4                               | Sm.-pox 6; typhd. fev. 6; diphtheria 5.                   |
| TURIN (10 days) -                 | 594,826                               | " 20                        | 234                             | 276     | 31·2                               | Sm.-pox 3; diphtheria 3; croup 8.                         |
| VENICE -                          | 150,502                               | February 18                 | 81                              | 94      | 32·6                               | Diarrhoeal diseases 9.                                    |
| CAIRO -                           | 374,338                               | " 9                         | 396                             | 275     | 38·3                               | Typhd. fev. 17; diarrhoeal diseases 80.                   |
| ALEXANDRIA -                      | 231,396                               | " 9                         | 229                             | 147     | 33·1                               | Diarrhoeal diseases 37.                                   |
| NEW YORK -                        | 1,493,000                             | " 11                        | -                               | 740     | 25·9                               | Diphtheria 52; scarlet fev. 29; wh.-cgh. 7.               |
| BROOKLYN -                        | 774,870                               | " 11                        | -                               | 384     | 25·9                               | Diphtheria 13; croup 11; scarlet fever 13.                |
| PHILADELPHIA -                    | 1,016,758                             | " 11                        | -                               | 426     | 21·9                               | Diph. 10; scar. fev. 3; typhoid fever 10.                 |
| BALTIMORE -                       | 437,155                               | " 11                        | -                               | 165     | 19·7                               | Typd. fev. 2; meas. 4.                                    |



TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 3RD MARCH, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |                     |   | TEMPERATURE. |            |              |                   | TEMPERATURE.                               |                   |   |             | TEMPERATURE.                                |                     |           |                           | Wind as deduced from Anemometers. |                    |        |                        | Rain collected in a Gauge whose receiving surface is 5 inches above the level of the Ground. |                              |     |             |   |          |        |        |     |
|----------------|---------------------|---|--------------|------------|--------------|-------------------|--|-------------------|---|-------------|---|---------------------|-----------|---------------------------|-----------------------------------|--------------------|--------|------------------------|--|------------------------------|-----|-------------|---|----------|--------|--------|-----|
| MONTH AND DAY. | Phases of the Moon. | BAROMETER. Mean daily temperature (corrected for the influence of the Moon. | Of the Air.  |            |              |                   | Of the Dew Point.                          |                   | Difference between the Air Temperature and Dew Point Temperature. |             | Degree of Humidity (Saturation equals 100). | Of Radiation.       |           | Of the Water at Deptford. |                                   | General Direction. |        | Osler's.               |  | Pressure on the Square Foot. |     | Robinson's. | Horizontal Movement of the Air on each Day. | Miles.   | Miles. | Miles. |     |
|                |                     |   | Low. est.    | High. est. | Daily Range. | Mean daily value. | De- parture daily Average value, 30 years. | Mean daily value. | Least. est.   | Great- est. |   | High- est in Grass. | Low- est. | A.M.                      | P.M.                              | Great- est.        | Least. | Mean of 24 hourly obs. | Sum 2620   | Sum 0.02                     |     |             |   |          |        |        |     |
| FEBRUARY.      |                     |   | in.          | °          | °            | °                 | °  | °                 | °   | °           | °   | °                   | °         | °                         | °                                 | °                  | °      | °                      | °  | °                            | °   | °           | °   | °        | °      | °      | °   |
| SUN.           | 26                  | ..  | 29.912       | 35.3       | 24.0         | 11.3              | 30.6                                       | - 9.4             | 24.8.   | 5.8         | 7.8   | 3.7                 | 78        | 88.8                      | 21.9                              | 35.5               | 33.7   | NE.                    | NE.  | 9.0                          | 0.0 | 1.9         | 538   | 0.00     | 0.0    | 0.0    | 0.8 |
| MON.           | 27                  | Full  | 30.028       | 33.8       | 31.2         | 2.6               | 32.2                                       | - 7.9             | 28.9  | 3.3         | 4.4   | 1.0                 | 87        | 39.7                      | 30.3                              | 35.1               | 32.3   | NE.                    | NE.  | 2.8                          | 0.0 | 0.5         | 395   | 0.00     | 0.0    | 0.0    | 2.3 |
| TUES.          | 28                  | ..  | 30.214       | 32.9       | 28.4         | 4.5               | 30.3                                       | - 9.9             | 22.7  | 7.6         | 11.2  | 3.7                 | 72        | 47.4                      | 28.4                              | 35.0               | 32.7   | NNE.                   | N.E.   | 6.3                          | 0.0 | 1.5         | 505   | 0.00     | 0.0    | 0.0    | 0.8 |
| WED.           | 29                  | Perigee.  | 30.120       | 33.8       | 26.8         | 7.0               | 29.5                                       | -10.8             | 22.0  | 7.5         | 11.8  | 4.4                 | 72        | 52.6                      | 24.5                              | 34.0               | 32.3   | NE. & NNE.             | N.E.   | 3.4                          | 0.0 | 0.5         | 371   | 0.00     | 0.0    | 0.0    | 2.2 |
| THURS.         | 1                   | Equator   | 30.127       | 35.3       | 26.1         | 9.2               | 29.6                                       | -10.7             | 22.7  | 6.9         | 8.9   | 4.2                 | 74        | 83.4                      | 21.5                              | 34.8               | 32.9   | NE. & ENE.             | NE. & NNE.   | 2.8                          | 0.0 | 0.2         | 280   | 0.00     | 0.0    | 0.0    | 0.0 |
| FRI.           | 2                   | ..  | 29.898       | 40.4       | 25.4         | 15.0              | 33.5                                       | - 6.9             | 27.7  | 5.8         | 11.0  | 2.2                 | 79        | 60.2                      | 19.8                              | 34.8               | 33.1   | NNE. & NNW.            | NW.  | 2.1                          | 0.0 | 0.2         | 227   | 0.00     | 0.0    | 0.0    | 0.0 |
| SAT.           | 3                   | ..  | 29.838       | 39.6       | 30.8         | 8.8               | 34.7                                       | - 5.8             | 26.5  | 8.2         | 12.0  | 3.0                 | 72        | 81.2                      | 24.7                              | 34.6               | 33.3   | NW. & N.               | N. & NNW.  | 3.5                          | 0.0 | 0.5         | 318   | 0.00     | 0.0    | 0.0    | 0.0 |
| MEANS          | ..                  | ..  | 30.021       | 35.9       | 27.5         | 8.3               | 31.5                                       | - 8.8             | 25.0  | 6.4         | 9.6   | 3.2                 | 76        | 65.6                      | 24.4                              | 34.8               | 32.9   | NE.                    | NE.  | ..                           | ..  | ..          | Sum 2620                                    | Sum 0.02 | 0.9    | 0.9    | 0.9 |
| No. of Col.    | 3                   | 4   | 5            | 6          | 7            | 8                 | 9  | 10                | 11  | 12          | 13  | 14                  | 15        | 16                        | 17                                | 18                 | 19     | 20                     | 21   | 22                           | 23  | 24          | 25  | 26       | 27     | 28     | 29  |

## GENERAL REMARKS.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1885 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1885, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

The reading of the columns 9 and 25 will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cable Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, P. positive; -, P. negative; w. weak; m. moderate; s. strong; and v. very.

The numbers in column 29 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The result of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The mean of the barometric pressure increased from 29.89 in. at the beginning of the week to 30.23 in. by noon on the 28th of February, and decreased to 29.05 in. by noon on the 1st of March; by noon on the 28th of February the mean of the barometer was 29.89 in. at the beginning of the week to 30.23 in.

| DATE.          | ELECTRICITY.<br>(For explanation of symbols, see Note.)          | Registered Sunshine, in hours. | Sun above Horizon, in hours. |
|----------------|--|--------------------------------|------------------------------|
| FEBRUARY.      |  |                                |                              |
| SUNDAY . 26    | m. P. in morning;<br>v. P. afterwards.                           | 3.8                            | 10.7                         |
| MONDAY . 27    | v. P. throughout .   | 0.0                            | 10.7                         |
| TUESDAY . 28   | v. P. throughout .   | 0.0                            | 10.8                         |
| WEDNESDAY . 29 | m. P. in morning;<br>v. P. and occasionally<br>m. N. afterwards. | 0.5                            | 10.8                         |
| THURSDAY . 1   | v. P. in morning;<br>s. P. afterwards.                           | 4.2                            | 10.8                         |
| FRIDAY . 2     | s. P. in morning;<br>v. P. afterwards.                           | 0.3                            | 10.9                         |
| SATURDAY . 3   | s. P. generally . .  | 1.6                            | 11.0                         |
| MEANS          | ..   | Sum 10.4                       | Sum 75.7                     |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,  
12th March, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 23·3 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |            |             | TOWNS.             | Weeks ending |             |            |             |
|--------------|--------------|-------------|------------|-------------|--------------------|--------------|-------------|------------|-------------|
|              | Feb.<br>18.  | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. |                    | Feb.<br>18.  | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. |
| Birkenhead   | 14·1         | 24·0        | 18·2       | 22·4        | Liverpool -        | 21·8         | 22·7        | 23·5       | 27·1        |
| Birmingham   | 20·5         | 20·7        | 18·9       | 22·1        | London -           | 20·6         | 21·6        | 21·9       | 23·0        |
| Blackburn    | 26·3         | 23·5        | 34·2       | 30·7        | Manchester -       | 29·3         | 25·4        | 25·7       | 31·3        |
| Bolton -     | 17·5         | 18·9        | 17·5       | 18·9        | Newcastle-on-Tyne* | 20·0         | 23·3        | 22·6       | 18·1        |
| Bradford*    | 15·4         | 17·0        | 14·3       | 17·7        | Norwich -          | 26·7         | 16·7        | 20·1       | 29·5        |
| Brighton -   | 23·0         | 20·0        | 17·8       | 16·5        | Nottingham*        | 18·8         | 24·4        | 20·1       | 20·3        |
| Bristol -    | 16·1         | 19·1        | 19·4       | 18·9        | Oldham -           | 25·3         | 18·5        | 24·2       | 27·9        |
| Cardiff*     | 15·4         | 13·0        | 25·5       | 28·4        | Plymouth -         | 24·2         | 32·2        | 21·5       | 28·2        |
| Derby -      | 16·3         | 15·7        | 25·5       | 15·2        | Portsmouth -       | 19·8         | 24·7        | 23·2       | 25·4        |
| Halifax -    | 22·8         | 18·2        | 23·4       | 15·0        | Preston -          | 26·8         | 21·2        | 25·3       | 22·2        |
| Huddersfield | 16·6         | 20·0        | 16·0       | 18·8        | Salford*           | 21·2         | 26·5        | 18·0       | 25·8        |
| Hull -       | 16·5         | 16·8        | 19·3       | 20·4        | Sheffield -        | 24·7         | 25·0        | 21·7       | 25·5        |
| Leeds -      | 22·3         | 18·6        | 19·9       | 22·6        | Sunderland -       | 14·2         | 23·7        | 13·4       | 17·4        |
| Leicester*   | 19·2         | 18·5        | 24·2       | 26·3        | Wolverhampton -    | 29·4         | 21·1        | 22·3       | 24·9        |

The highest annual death-rates from *measles*, measured by last week's mortality, were 0·7 in Bradford, and 6·0 in Plymouth; from *scarlet fever*, 1·1 in Oldham, and 1·8 in Blackburn; from *whooping-cough*, 1·2 in London, 1·8 in Salford and in Leicester, 1·9 in Wolverhampton, and 2·2 in Norwich; and from "fever," 1·1 in Leicester, in Norwich, and in Derby. The 45 deaths from *diphtheria* in the twenty-eight towns included 24 in London, 3 in Birmingham, 3 in Manchester, and 2 each in Leicester, Liverpool, Bradford, and Leeds. *Small-pox* caused 29 deaths in Sheffield, 3 in Oldham, 2 in Manchester, 2 in Blackburn, and 2 in London, but not one in any of the twenty-three other large provincial towns.

## LONDON.

In LONDON† 2583 BIRTHS and 1886 DEATHS were registered. Allowing for increase of population, the births were 388, and the deaths 3, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 20·6, 21·6, and 21·9 per 1000 in the three preceding weeks, further rose last week to 23·0. During the first ten weeks of the current quarter the death-rate averaged 22·6 per 1000, and was 1·2 below the mean rate in the corresponding periods of the ten years 1878-87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1886 deaths included 2 from small-pox, 21 from measles, 29 from scarlet fever, 24 from diphtheria, 101 from whooping-cough, 20 from enteric fever, 17 from diarrhoea and dysentery, and not one from typhus, ill-defined forms of continued fever, or cholera; thus, 214 deaths were referred to these diseases, being 5 below the corrected average weekly number.

Two deaths from *small-pox* were registered, the corrected average being 18; one occurred in the Hospital Ship off Dartford and belonged to Greenwich sanitary area, and the other occurred in a private house at Camberwell. There were 14 small-pox patients under treatment in the Metropolitan Asylum Hospital Ships on Saturday last, and one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 18 and 15 in the two preceding weeks, rose last week to 21, but were 21 below the corrected average; 4 belonged to Bethnal Green sanitary area. The deaths from *scarlet fever*, which had been 32 and 27 in the two preceding weeks, were last week 29, and exceeded the corrected average by 4; 3 belonged to Kensington, 3 to Pancras, 2 to Islington, 2 to Hackney, 2 to Bethnal Green, 2 to Newington, 2 to Camberwell, and 2 to Greenwich sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1201 scarlet fever patients (there were also 79 in the London Fever Hospital), against numbers declining in the fourteen preceding weeks from 2600 to 1295; 100 cases were admitted to the Metropolitan Asylum Hospitals during last week, against numbers declining in the four preceding weeks from 146 to 84. The 24 deaths from *diphtheria* corresponded with the number in the previous week, but were double the corrected average; 2 belonged to Hammersmith, 2 to Islington, 4 to Wandsworth, 3 to Greenwich, and 4 to Lewisham sanitary areas. The fatal cases of *whooping-cough*, which had declined in the five preceding weeks from 177 to 94, rose again last week to 101 and exceeded the corrected average by 11; 6 belonged to Chelsea, 11 to Islington, 7 to Bethnal Green, 6 to Poplar, 7 to Lambeth, 8 to Wandsworth, and 6 to Greenwich sanitary areas. The 17 deaths attributed to *diarrhoea* and *dysentery* showed a further increase upon recent weekly numbers, and exceeded the corrected average by 4; 11 were of children aged under five years, and 4 of persons aged upwards of 60 years.

The deaths referred to *enteric fever*, which had been 18, 16, and 15 in the three preceding weeks, rose last week to 20, and exceeded the corrected average by 6; 2 belonged to Hammersmith, 2 to Marylebone, 2 to Islington, and 2 to Wandsworth sanitary areas. The Metropolitan Asylum Hospitals contained 142 cases of enteric fever, and not one of typhus, on Saturday last; 21 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 487, 478, and 488 in the three preceding weeks, were last week 490, and were 32 below the corrected average.

Different forms of violence caused 51 deaths; 44 were the result of negligence or accident, among which were 15 from fractures and contusions, 7 from burns and scalds, 3 from drowning, 2 (including the death of an electrotyper from mercurial poison caused by his occupation) from poison, and 17 from suffocation, including 14 of infants, and one of a patient in the Homœopathic Hospital from chloroform. The 15 deaths from fractures and contusions were thus returned:— 1 by accident from vehicle in the street; 3 by accidents on railway; 2 by fall down stairs; 1 by fall from window; 1 by fall in street; 1 by fall in house; 1 by fall through trapdoor; 1 by blow from winch-handle; 1 by fall or blow; 3 by fractures, the cause of which was not stated. An inquest was held in each of these cases, except two of the last-mentioned, which were certified by registered medical practitioners. Six cases of suicide were registered.

On pages 97-98 will be found Dr. Frankland's report upon the quality of the waters supplied to the Metropolis by the various companies during February. From which it appears that the Thames waters delivered by the five companies drawing their supply from that source, contained, for the season, an unusually small proportion of organic impurity. The New River Company's water, principally derived from the River Lea, also contained a very small proportion of organic matter, while the quality of the water supplied by the East London Company was again considerably inferior to that of the other river waters. The quality of the deep-well water supplied by the Kent and Colne Valley Companies, and by the Tottenham Local Board showed scarcely any variation from that of the samples examined in the previous month.

## GREATER LONDON.

In Greater London 3384 births and 2385 deaths were registered, corresponding to annual rates of 31·9 and 22·5 per 1000 of the population. In the Outer Ring 38 deaths from whooping-cough were registered, including 11 in Tottenham, and 11 in West Ham districts. Two more deaths from diphtheria occurred in Enfield, and 2 from "fever" in West Ham sub-districts.

## METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·63 in.; the highest reading was 29·92 in. on Tuesday evening, and the lowest 29·13 in. on Saturday morning. The mean temperature of the air was 42°·6, and 2°·0 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Sunday and Monday, but showed an excess on each of the other days of the week. The general direction of the *wind* was N.W. and S.W., and the horizontal movement of the air averaged 18·8 miles per hour, which was 4·9 above the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·30 of an inch. The duration of registered bright sunshine in the week was 6·5 hours, against 9·0 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of FEBRUARY 1888; according to their returns 154,025,254 gallons or 699,807 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 210 gallons (95·4 decalitres), rather less than a *ton* by weight, to each house, and 26·9 gallons (12·2 decalitres) to each person, against 27·6 gallons during February 1887.

| COMPANIES.                            | Number of Houses, &c.<br>supplied in |                    | Average daily Supply of Water<br>in Gallons. |                    |
|---------------------------------------|--------------------------------------|--------------------|--|--------------------|
|                                       | FEBRUARY.<br>1887.                   | FEBRUARY.<br>1888. | FEBRUARY.<br>1887.                           | FEBRUARY.<br>1888. |
| <b>TOTAL SUPPLY</b> . . .             | 720,884                              | 734,883            | 155,154,206                                  | 154,025,254        |
| From Thames . . . . .                 | 347,589                              | 353,930            | 78,682,638                                   | 76,331,090         |
| From Lea and from other Sources . . . | 373,295                              | 380,453            | 76,471,568                                   | 77,694,164         |
| <b>THAMES.</b>                        |                                      |                    |  |                    |
| Chelsea . . . . .                     | 34,261                               | 34,460             | 9,323,885                                    | 8,873,840          |
| West Middlesex . . . . .              | 68,486                               | 69,959             | 13,967,971                                   | 13,965,703         |
| Southwark and Vauxhall . . . . .      | 107,340                              | 108,958            | 22,507,950                                   | 22,881,600         |
| Grand Junction . . . . .              | 52,918                               | 53,895             | 15,662,532                                   | 15,026,047         |
| Lambeth . . . . .                     | 84,584                               | 86,658             | 17,220,300                                   | 15,583,900         |
| <b>LEA AND OTHER SOURCES.</b>         |                                      |                    |  |                    |
| New River . . . . .                   | 148,068                              | 149,703            | 27,944,000                                   | 27,812,000         |
| East London . . . . .                 | 156,948                              | 160,534            | 37,110,373                                   | 38,842,752         |
| Kent . . . . .                        | 68,279                               | 70,216             | 11,417,195                                   | 11,039,412         |

*Note.*—The Return for February 1888, as compared with that for the corresponding month of 1887, shows an increase of 13,499 houses, and a decrease of 1,128,952 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING FEBRUARY.

Grove House, Pembroke Square, W.,  
9th March, 1888.

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of February.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·6, Colne Valley 1·1, New River 1·2, Tottenham 1·6, Chelsea 2·7, Lambeth 2·9, Southwark 3·0, East London 3·2, Grand Junction 3·2, West Middlesex 3·5.

The action of frost in hardening the surface of the soil enables melting snow to reach rivers and streams in a much purer condition than when the land is soft and spongy, hence the Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies contained for river water only a very moderate proportion of organic matter the amount being especially small for this period of the year. All the samples were clear and bright.

The water principally derived from the river Lea, that distributed by the New River Company contained as for many months past, only a very small proportion of organic matter; whilst the East London Company's supply resembled, as regards organic matter, the Thames-derived waters. The total solid residue, as well as the hardness of the East London Company's sample were, as in the preceding month, noticeably higher than those of the other river waters. Both waters were clear and bright.



The deep-well water pumped by the Kent and Colne Valley Companies contained as usual only a very small proportion of organic matter, and the Colne Valley Company, by softening their supply with lime, before delivery thereby rendered it also of excellent quality for washing and all other domestic purposes.

The sample of water from the Tottenham Local Board of Health, although containing only a small proportion of organic matter, was very slightly turbid and moving organisms were visible amongst the suspended matter under the microscope.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, clear and colourless; New River, clear and nearly colourless; Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, and East London, clear and pale yellow; Tottenham, very slightly turbid and nearly colourless.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town "compared most favourably with any of the samples taken for some time past."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

I am, &c.

The Registrar General, &c. &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES. |   | Date<br>and Place of Collection.                                    | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|------------------------------------|---|---|---------------------------------------|---------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                      | THAMES.                                 |   | °                                     |                           |                 |                   |          |  |                             |           |                 |
|                                    | Chelsea . . .                           | { February 25th,<br>Cab Rank, Horseguards,<br>Whitehall. }          | 4.4                                   | 28.50                     | .130            | .029              | 0        | .235                                     | .264                        | 1.9       | 19.7            |
|                                    | West Middlesex .                        | { February 27th,<br>Cab Rank, Portland-road. }                      | 4.0                                   | 28.80                     | .170            | .035              | 0        | .247                                     | .282                        | 1.9       | 19.7            |
|                                    | Southwark . . .                         | { February 25th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. } | 4.0                                   | 29.96                     | .152            | .025              | 0        | .238                                     | .263                        | 1.9       | 20.3            |
|                                    | Grand Junction .                        | { February 25th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. } | 3.0                                   | 29.04                     | .161            | .026              | 0        | .256                                     | .282                        | 1.9       | 20.0            |
|                                    | Lambeth . . .                           | { February 27th,<br>Cab Rank, St. George's-<br>road, Southwark. }   | 4.0                                   | 30.26                     | .145            | .026              | 0        | .280                                     | .306                        | 2.0       | 20.6            |
|                                    | LEA.                                    |   |                                       |                           |                 |                   |          |  |                             |           |                 |
| Outer Circle.                      | New River . . .                         | { February 27th,<br>Cab Rank, Tottenham<br>Court-road. }            | 3.5                                   | 29.10                     | .056            | .014              | 0        | .300                                     | .314                        | 1.8       | 20.3            |
|                                    | East London . .                         | { February 25th,<br>Fire Brigade Station,<br>Commercial-road, E. }  | 3.2                                   | 35.26                     | .156            | .030              | 0        | .277                                     | .307                        | 2.1       | 23.3            |
|                                    | DEEP WELLS.                             |   |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Kent . . . . .                          | { February 25th,<br>Mill Lane, Deptford. }                          | 12.0                                  | 42.10                     | .027            | .011              | 0        | .472                                     | .483                        | 2.5       | 31.4            |
|                                    | Colne Valley . .                        | { February 21st,<br>Bushey. }                                       | —                                     | 15.42                     | .054            | .011              | 05       | .397                                     | .412                        | 1.8       | 6.7             |
|                                    | Tottenham . . .                         | { February 23rd,<br>Tottenham. }                                    | —                                     | 42.40                     | .069            | .024              | .040     | .236                                     | .343                        | 2.8       | 22.1            |
|                                    | Corporation of Birm-<br>ingham* . . . . | { February 6th,<br>Bread-street (corner of<br>Newhall-street). }    | 7.8                                   | 25.98                     | .080            | .014              | .001     | .374                                     | .379                        | 1.9       | 17.9            |
|                                    | Corporation of Glasgow†.                | { February 16th,<br>Loch Katrine Water. }                           | 4.0                                   | 2.70                      | .153            | .028              | 0        | .005                                     | .083                        | .7        | 1.1             |
| Column 1.                          |   | 2.  | 3.                                    | 4.                        | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of Anderson's College, Glasgow.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—the Chelsea Company's water, collected on the 25th February at the Horseguards cab-rank, had a temperature of 4°.4 C.; 100,000 lbs. of it contained 28.50 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained .130 lb. of carbon and .029 lb. of nitrogen. The above quantity of water also contained no ammonia, and .235 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was .264 lb. The above weight of water also contained 1.9 lbs. of chlorine; and 19.7 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 10th March, 1888.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1886. | Registered during<br>the Week ending<br>Mar. 10th, 1888. |         | Deaths of                          |                               | The Deaths registered in the Week include |          |                   |             |                     |        |            |           |                |                                      | TEMPERATURE OF THE AIR. |                                    |                                 |          | RAINFALL.  |                         | CITIES<br>AND<br>BOROUGH. |         |             |                |
|---------------------------|---|--|---------|------------------------------------|-------------------------------|---|----------|-------------------|-------------|---------------------|--------|------------|-----------|----------------|--------------------------------------|-------------------------|------------------------------------|---------------------------------|----------|------------|-------------------------|---------------------------|---------|-------------|----------------|
|                           |   | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age. | Persons aged<br>1 to 60 Years | Deaths from                               |          |                   |             |                     |        |            |           |                |                                      | From All<br>Causes.     | From<br>Diseases in<br>Cols. 6-12. | Mean.                           |          | In Inches. | In<br>Centi-<br>metres. |                           |         |             |                |
|                           |   |  |         |                                    |                               | Small-pox.                                | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. |                         |                                    | Unspecified<br>Causes of Death. | Highest. |            |                         |                           | Lowest. | Fahrenheit. | Centigrade.    |
| Cols.                     | 1.  | 2.   | 3.      | 4.                                 | 5.                            | 6.  | 7.       | 8.                | 9.          | 10.                 | 11.    | 12.        | 13.       | 14.            | 15.                                  | 16.                     | 17.                                | 18.                             | 19.      | 20.        | 21.                     | 22.                       | 23.     | 24.         | Cols.          |
| 28 TOWNS*                 | 9,398,273   | 5838   | 4193    | 946                                | 1125                          | 39  | 49       | 59                | 45          | 165                 | 42     | 43         | 124       | 262            | 760                                  | 92                      | 23·3                               | 2·5                             | 57·0     | 24·5       | 41·8                    | 5·44                      | 0·61    | 0·55        | - 28 TOWNS.    |
| LONDON*                   | 4,282,921   | 2583   | 1886    | 424                                | 552                           | 2   | 21       | 29                | 24          | 101                 | 20     | 17         | 51        | 123            | 424                                  | 22                      | 23·0                               | 2·6                             | 56·5     | 27·6       | 42·6                    | 5·89                      | 0·30    | 0·76        | LONDON.        |
| BRIGHTON                  | 119,983   | 55   | 38      | 7                                  | 17                            | -   | -        | -                 | -           | -                   | 1      | -          | -         | 3              | 8                                    | -                       | 16·5                               | 0·4                             | 46·0     | 28·3       | 38·3                    | 3·50                      | 1·36    | 3·45        | BRIGHTON.      |
| PORTSMOUTH                | 189,575   | 90   | 68      | 12                                 | 26                            | -   | -        | -                 | -           | -                   | 2      | -          | -         | 2              | 1                                    | -                       | 25·4                               | 1·1                             | -        | -          | -                       | -                         | -       | -           | PORTSMOUTH.    |
| NORWICH                   | 98,675  | 69   | 53      | 9                                  | 16                            | -   | -        | -                 | -           | 4                   | 2      | -          | 1         | 2              | 5                                    | 1                       | 29·5                               | 3·3                             | -        | -          | -                       | -                         | -       | -           | NORWICH.       |
| PLYMOUTH                  | 77,674  | 46   | 42      | 7                                  | 14                            | -   | 9        | -                 | 1           | -                   | -      | -          | -         | -              | 1                                    | 1                       | 28·2                               | 6·7                             | 56·0     | 30·0       | 42·6                    | 5·89                      | 0·87    | 2·21        | PLYMOUTH.      |
| BRISTOL                   | 226,510   | 127  | 82      | 20                                 | 26                            | -   | 2        | -                 | -           | 2                   | -      | -          | -         | 2              | 17                                   | 3                       | 18·9                               | 0·9                             | 54·8     | 27·5       | 42·6                    | 5·89                      | 0·87    | 2·21        | BRISTOL.       |
| WOLVERHAMPTON             | 81,661  | 42   | 39      | 9                                  | 14                            | -   | 1        | -                 | -           | 3                   | 1      | -          | -         | 3              | 8                                    | 2                       | 24·9                               | 3·2                             | 55·3     | 24·5       | 39·7                    | 4·28                      | 0·51    | 1·30        | WOLVERHAMPTON. |
| BIRMINGHAM                | 447,912   | 314  | 190     | 42                                 | 49                            | -   | 4        | 4                 | 3           | 5                   | 2      | 3          | 6         | 19             | 37                                   | 1                       | 22·1                               | 2·4                             | -        | -          | -                       | -                         | -       | -           | BIRMINGHAM.    |
| LEICESTER*                | 146,790   | 97   | 74      | 20                                 | 12                            | -   | 1        | -                 | 2           | 5                   | 3      | -          | 3         | 7              | 13                                   | 1                       | 26·3                               | 3·9                             | 56·0     | 28·3       | 41·1                    | 5·06                      | 0·32    | 0·81        | LEICESTER.     |
| NOTTINGHAM*               | 230,921   | 186  | 90      | 21                                 | 25                            | 1   | 4        | -                 | -           | -                   | -      | 1          | 3         | 3              | 10                                   | -                       | 20·3                               | 1·4                             | 54·8     | 27·6       | 40·4                    | 4·67                      | 0·86    | 2·18        | NOTTINGHAM.    |
| DERBY                     | 96,241  | 63   | 28      | 9                                  | 5                             | -   | 1        | -                 | -           | 1                   | 2      | -          | 4         | 2              | 4                                    | 2                       | 15·2                               | 2·2                             | -        | -          | -                       | -                         | -       | -           | DERBY.         |
| BIRKENHEAD                | 100,063   | 70   | 43      | 11                                 | 11                            | -   | -        | 1                 | -           | 2                   | -      | 1          | 1         | 1              | 3                                    | 1                       | 22·4                               | 2·1                             | -        | -          | -                       | -                         | -       | -           | BIRKENHEAD.    |
| LIVERPOOL                 | 539,738   | 374  | 312     | 80                                 | 64                            | -   | 8        | 8                 | 2           | 12                  | 4      | 1          | 16        | 17             | 58                                   | 17                      | 27·1                               | 2·3                             | 55·2     | 32·3       | 44·0                    | 6·67                      | 0·49    | 1·24        | LIVERPOOL.     |
| BOLTON                    | 113,506   | 72   | 41      | 12                                 | 9                             | -   | 1        | -                 | -           | 2                   | -      | -          | -         | 3              | 5                                    | 1                       | 18·9                               | 1·4                             | -        | -          | -                       | -                         | -       | -           | BOLTON.        |
| MANCHESTER                | 578,164   | 272  | 227     | 53                                 | 33                            | 2   | 1        | 2                 | 3           | 5                   | -      | 7          | 10        | 22             | 37                                   | 4                       | 31·3                               | 2·8                             | -        | -          | -                       | -                         | -       | -           | MANCHESTER.    |
| SALFORD*                  | 226,336   | 144  | 112     | 25                                 | 26                            | -   | 2        | 2                 | 1           | 8                   | 1      | 2          | 4         | 4              | 16                                   | 6                       | 25·8                               | 3·2                             | -        | -          | -                       | -                         | -       | -           | SALFORD.       |
| OLDHAM                    | 138,220   | 76   | 74      | 15                                 | 15                            | 3   | -        | 3                 | 1           | 2                   | -      | 2          | 1         | 3              | 11                                   | 2                       | 27·9                               | 4·2                             | -        | -          | -                       | -                         | -       | -           | OLDHAM.        |
| BLACKBURN                 | 119,039   | 75   | 70      | 21                                 | 12                            | 2   | -        | 4                 | -           | 1                   | -      | 1          | 3         | 3              | 6                                    | 5                       | 30·7                               | 3·5                             | -        | -          | -                       | -                         | -       | -           | BLACKBURN.     |
| PRESTON                   | 163,254   | 74   | 44      | 12                                 | 13                            | -   | -        | -                 | -           | 1                   | -      | -          | 1         | 1              | 6                                    | 1                       | 22·2                               | 0·0                             | 56·0     | 30·0       | 41·9                    | 5·50                      | 0·93    | 2·36        | PRESTON.       |
| HUDDESFIELD               | 91,419  | 63   | 33      | 6                                  | 13                            | -   | -        | -                 | -           | -                   | -      | -          | -         | 1              | 4                                    | 1                       | 18·8                               | 0·8                             | -        | -          | -                       | -                         | -       | -           | HUDDESFIELD.   |
| HALIFAX                   | 80,138  | 40   | 23      | 5                                  | 7                             | -   | 1        | -                 | 1           | -                   | -      | -          | 1         | 1              | 4                                    | -                       | 15·0                               | 1·3                             | -        | -          | -                       | -                         | -       | -           | HALIFAX.       |
| BRADFORD*                 | 229,721   | 116  | 78      | 13                                 | 20                            | -   | 3        | 1                 | 2           | 2                   | -      | 1          | 2         | 6              | 11                                   | 1                       | 17·7                               | 2·0                             | 54·2     | 28·0       | 41·5                    | 5·23                      | 0·33    | 0·84        | BRADFORD.      |
| LEEDS                     | 351,210   | 222  | 152     | 26                                 | 46                            | -   | -        | -                 | 1           | 2                   | 5      | -          | 1         | 2              | 8                                    | 12                      | 25·5                               | 6·2                             | -        | -          | -                       | -                         | -       | -           | LEEDS.         |
| SHEFFIELD                 | 321,711   | 198  | 157     | 26                                 | 34                            | 29  | -        | 3                 | 1           | 2                   | 1      | 2          | 3         | 3              | 19                                   | 10                      | 20·4                               | 2·1                             | -        | -          | -                       | -                         | -       | -           | SHEFFIELD.     |
| HULL                      | 202,359   | 125  | 79      | 23                                 | 19                            | -   | -        | 1                 | 1           | 2                   | 2      | 2          | 2         | 3              | 8                                    | 6                       | 17·4                               | 0·4                             | 57·0     | 28·0       | 42·8                    | 6·00                      | 0·36    | 0·91        | HULL.          |
| SUNDERLAND                | 131,919   | 108  | 44      | 8                                  | 13                            | -   | -        | -                 | -           | 1                   | -      | -          | 3         | 5              | 4                                    | 1                       | 17·4                               | 0·4                             | -        | -          | -                       | -                         | -       | -           | SUNDERLAND.    |
| NEWCASTLE*                | 169,063   | 111  | 55      | 11                                 | 15                            | -   | -        | -                 | -           | -                   | -      | -          | -         | 4              | 9                                    | 10                      | 18·1                               | 0·0                             | 54·0     | 30·0       | 44·3                    | 6·83                      | 0·09    | 0·23        | NEWCASTLE.     |
| CARDIFF*                  | 168,570   | 76   | 59      | 19                                 | 14                            | -   | -        | -                 | -           | -                   | 2      | -          | 4         | 5              | 10                                   | 1                       | 28·4                               | 1·0                             | -        | -          | -                       | -                         | -       | -           | CARDIFF.       |
| EDINBURGH                 | 262,733   | 140  | 95      | 20                                 | 28                            | -   | 6        | -                 | 1           | 5                   | 1      | -          | 4         | 9              | 19                                   | 22                      | 18·9                               | 2·6                             | 56·5     | 26·0       | 42·9                    | 6·05                      | 0·49    | 1·24        | EDINBURGH.     |
| GLASGOW                   | 556,088   | 373  | 297     | 64                                 | 42                            | -   | 5        | 3                 | 5           | 14                  | 7      | 3          | 6         | 9              | 30                                   | 35                      | 29·5                               | 3·7                             | 54·9     | 27·9       | 43·9                    | 6·61                      | 1·24    | 3·40        | GLASGOW.       |
| DUBLIN                    | 353,082   | 220  | 224     | 36                                 | 73                            | -   | 4        | 5                 | 2           | 7                   | 3      | 4          | 5         | 4              | 62                                   | 30                      | 38·1                               | 3·7                             | 57·2     | 27·6       | 44·9                    | 7·17                      | 0·92    | 2·34        | DUBLIN.        |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2691 | 2736 | 2848 | 2831 | 2740 | 2480 | 2754 | 2737 | 2697 | 2728 | 2970.6   | 2583 |
| Males . .           | 1388 | 1379 | 1492 | 1450 | 1359 | 1304 | 1411 | 1367 | 1389 | 1369 | 1516.6   | 1375 |
| Females . .         | 1303 | 1357 | 1356 | 1381 | 1381 | 1176 | 1343 | 1370 | 1308 | 1359 | 1454.0   | 1208 |
| <b>TOTAL Deaths</b> | 1580 | 2023 | 1442 | 1590 | 1793 | 1648 | 1639 | 1673 | 2235 | 1649 | 1889.4   | 1886 |
| Males . .           | 828  | 987  | 737  | 796  | 893  | 882  | 832  | 854  | 1122 | 843  | 956.7  | 928  |
| Females . .         | 752  | 1036 | 705  | 794  | 900  | 766  | 807  | 824  | 1163 | 806  | 932.7  | 958  |

\* The numbers in this column are the average weekly numbers in the tenth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS,

|  |   |              | Dec.<br>17. | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. |     |
|--|---|--------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-----|
| <b>TOTAL Births</b>                      | - | -            | 2516        | 2406        | 2326        | 2845       | 2556        | 2688        | 2715        | 2688       | 2830        | 2569        | 2473        | 2778       | 2583        |     |
| <b>TOTAL Deaths</b>                      | - | -            | 1625        | 1502        | 1882        | 1868       | 1940        | 2000        | 1816        | 1894       | 1838        | 1689        | 1772        | 1794       | 1886        |     |
| 0-20                                     | - | -            | 755         | 764         | 893         | 860        | 815         | 872         | 849         | 907        | 807         | 763         | 772         | 795        | 811         |     |
| 20-40                                    | - | -            | 196         | 171         | 216         | 202        | 257         | 228         | 215         | 210        | 205         | 178         | 199         | 215        | 223         |     |
| 40-60                                    | - | -            | 291         | 227         | 324         | 341        | 327         | 386         | 304         | 319        | 293         | 300         | 331         | 313        | 300         |     |
| 60-80                                    | - | -            | 316         | 280         | 361         | 379        | 441         | 417         | 366         | 368        | 440         | 353         | 388         | 391        | 465         |     |
| at 80 years & upwds.                     | - | -            | 67          | 60          | 88          | 86         | 100         | 97          | 82          | 90         | 93          | 95          | 82          | 80         | 87          |     |
| Deaths of children                       | { | Under 1 year | -           | 342         | 362         | 458        | 387         | 367         | 403         | 394        | 418         | 394         | 360         | 351        | 371         | 424 |
|  |   | 1-5          | -           | 306         | 294         | 325        | 351         | 337         | 349         | 353        | 366         | 310         | 304         | 320        | 302         | 281 |
|  |   | 5-20         | -           | 107         | 108         | 110        | 122         | 111         | 120         | 102        | 128         | 103         | 99          | 101        | 122         | 106 |
| Deaths from Small-pox                    | - | -            | -           | -           | -           | -          | 1           | -           | -           | -          | -           | 1           | -           | -          | 2           |     |
| " " Measles                              | - | -            | 17          | 30          | 28          | 25         | 25          | 14          | 16          | 18         | 15          | 14          | 18          | 15         | 21          |     |
| " " Scarlet fever                        | - | -            | 41          | 39          | 40          | 37         | 25          | 42          | 29          | 39         | 36          | 30          | 32          | 27         | 29          |     |
| " " Diphtheria                           | - | -            | 23          | 24          | 22          | 28         | 16          | 22          | 29          | 29         | 40          | 18          | 30          | 24         | 24          |     |
| " " Whooping-cough                       | - | -            | 106         | 104         | 130         | 120        | 152         | 138         | 168         | 177        | 153         | 122         | 127         | 94         | 101         |     |
| " " Typhus                               | - | -            | -           | -           | -           | 1          | -           | -           | -           | -          | -           | -           | -           | -          | -           |     |
| " " Enteric fever                        | - | -            | 18          | 15          | 19          | 28         | 22          | 26          | 13          | 26         | 12          | 18          | 16          | 15         | 20          |     |
| " " SimpleCont'd fever                   | - | -            | 2           | 1           | -           | 2          | 1           | 1           | 1           | 3          | 1           | -           | -           | -          | -           |     |
| " " Diarrhoea and Dysentery              | - | -            | 12          | 8           | 12          | 12         | 11          | 15          | 11          | 15         | 12          | 8           | 8           | 10         | 17          |     |
| " " Cholera                              | - | -            | -           | -           | -           | -          | -           | -           | -           | -          | -           | -           | 1           | -          | -           |     |
| Deaths from the above-mentioned Diseases | - | -            | 219         | 221         | 251         | 253        | 253         | 258         | 267         | 307        | 269         | 211         | 232         | 185        | 214         |     |
| " " Dis. of Respiratory System           | - | -            | 413         | 357         | 442         | 502        | 579         | 591         | 534         | 516        | 504         | 437         | 473         | 438        | 490         |     |
| " " Phthisis                             | - | -            | 145         | 129         | 162         | 161        | 187         | 153         | 154         | 159        | 149         | 131         | 170         | 165        | 159         |     |
| " " Dis. of Circulatory System           | - | -            | 113         | 133         | 142         | 166        | 160         | 179         | 143         | 154        | 163         | 127         | 134         | 137        | 161         |     |
| Violent Deaths                           | - | -            | 53          | 46          | 74          | 65         | 69          | 78          | 59          | 55         | 58          | 39          | 62          | 65         | 51          |     |
| Inquest Cases                            | - | -            | 122         | 113         | 165         | 156        | 146         | 155         | 127         | 131        | 119         | 88          | 107         | 149        | 123         |     |
| Deaths in Public Institutions            | - | -            | 373         | 316         | 380         | 366        | 436         | 413         | 381         | 388        | 408         | 358         | 405         | 379        | 424         |     |
| TEMPERATURE OF THE AIR                   | - | -            | -           | -           | -           | -          | -           | -           | -           | -          | -           | -           | -           | -          | -           |     |
| Mean                                     | - | -            | 41.7        | 34.9        | 32.1        | 40.2       | 38.1        | 34.7        | 40.7        | 33.7       | 43.6        | 34.1        | 29.8        | 31.5       | 42.6        |     |
| Mean of Highest readings                 | - | -            | 46.2        | 38.0        | 35.4        | 44.8       | 41.4        | 37.5        | 44.6        | 38.8       | 48.4        | 38.1        | 33.9        | 35.9       | 43.8        |     |
| Mean of Lowest readings                  | - | -            | 36.3        | 31.1        | 28.0        | 35.4       | 34.3        | 30.7        | 36.8        | 27.6       | 38.9        | 31.1        | 25.9        | 27.5       | 36.9        |     |
| Humidity of the Air                      | - | -            | 88          | 89          | 79          | 88         | 97          | 86          | 83          | 78         | 83          | 82          | 76          | 76         | 79          |     |
| Rain-fall in inches                      | - | -            | 0.81        | 0.17        | 0.02        | 0.40       | 0.02        | 0.21        | 0.10        | 0.17       | 0.26        | 0.38        | 0.21        | 0.02       | 0.30        |     |
| Registered Sunshine (in hours)           | - | -            | 5.8         | 1.9         | 6.2         | 4.1        | 0.0         | 2.5         | 3.0         | 11.1       | 1.8         | 5.6         | 6.0         | 10.4       | 6.5         |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATION (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whiteledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the Tenth Week of the Year 1888.

[illegible]

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.044 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the death is due to small-pox, it is not certain that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned as "not certified."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DYPHTERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (or TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, VIOLENCE, INQUEST CASES, and Deaths in Public Institutions during the Week ending

| The DEATHS registered in the Week include                                   |  |  |  |  |            |          |                   |             |                 |         |                                |                              |            |           |    |     |     |                   |                                   |
|---|--|--|--|--|------------|----------|-------------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----|-----|-----|-------------------|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Deaths during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths from  |            |          |                   |             |                 |         |                                |                              |            |           |    |     |     | Inquest<br>Cases. | Deaths in Public<br>Institutions. |
|   |  |  |  | Deaths of<br>Persons aged 40<br>Years and upwards. | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |    |     |     |                   |                                   |
| LONDON . . . . .  | 3,815,704                                    | 2583                                   | 1886                                   | 424  | 552        | 2        | 21                | 29          | 24              | 101     | -                              | 20                           | -          | 17        | 51 | 123 | 424 |                   |                                   |
| WEST DISTRICTS . . . . .  | 669,633                                      | 377                                    | 342                                    | 82   | 90         | -        | 4                 | 4           | 3               | 17      | -                              | 3                            | -          | 3         | 10 | 23  | 81  |                   |                                   |
| NORTH DISTRICTS . . . . .   | 905,947                                      | 583                                    | 405                                    | 70   | 129        | -        | 6                 | 10          | 2               | 23      | -                              | 6                            | -          | -         | 9  | 30  | 89  |                   |                                   |
| CENTRAL DISTRICTS . . . . .   | 282,238                                      | 139                                    | 152                                    | 37   | 36         | -        | 1                 | -           | 4               | 7       | -                              | -                            | -          | 2         | 11 | 15  | 38  |                   |                                   |
| EAST DISTRICTS . . . . .  | 692,738                                      | 519                                    | 376                                    | 92   | 106        | -        | 8                 | 4           | 4               | 25      | -                              | 3                            | -          | 2         | 9  | 28  | 109 |                   |                                   |
| SOUTH DISTRICTS . . . . .   | 1,363,143                                    | 935                                    | 609                                    | 137  | 191        | 1        | 2                 | 10          | 11              | 29      | -                              | 6                            | -          | 10        | 12 | 27  | 105 |                   |                                   |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -  | -                                      | 2                                      | -  | -          | 1        | -                 | 1           | -               | -       | -                              | -                            | -          | -         | -  | -   | 2   |                   |                                   |
| WEST DISTRICTS.   |  |  |  |  |            |          |                   |             |                 |         |                                |                              |            |           |    |     |     |                   |                                   |
| St. Mary Paddington WHH G.J. & W.M.   | 69683  | 48                                     | 29                                     | 7  | 6          | -        | 1                 | -           | -               | -       | -                              | -                            | -          | -         | -  | 1   | 5   |                   |                                   |
| St. John Paddington H - - - G.J.  | 37380  | 11                                     | 13                                     | 2  | 3          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | 3  | 3   | 5   |                   |                                   |
| Kensington Town WH - - - W.M.   | 120141                                       | 37                                     | 49                                     | 12   | 17         | -        | 1                 | 1           | -               | 3       | -                              | -                            | -          | -         | -  | 2   | 11  |                   |                                   |
| Brompton HH - - - W.M. & C.   | 48010  | 14                                     | 17                                     | 4  | 6          | -        | -                 | 1           | -               | 1       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| St. Peter Hammersmith - - - W.M.  | 7899   | 2                                      | 2                                      | -  | 1          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| St. Paul Hammersmith H W.M. & G.J.  | 64340  | 49                                     | 44                                     | 13   | 9          | -        | -                 | 2           | 2               | 2       | -                              | 2                            | -          | 2         | 7  | 4   | 8   |                   |                                   |
| Fulham WHW - - - W.M. & C.  | 42900  | 40                                     | 44                                     | 16   | 4          | -        | -                 | 2           | 1               | 1       | -                              | 1                            | -          | -         | 2  | 4   | 8   |                   |                                   |
| Chelsea South HHH - - - C.  | 20396  | 19                                     | 11                                     | 1  | 7          | -        | -                 | -           | -               | 1       | -                              | -                            | -          | -         | 1  | -   | 9   |                   |                                   |
| Chelsea North-west WHHHHH- C.   | 24925  | 19                                     | 22                                     | 1  | 11         | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | 1   | 18  |                   |                                   |
| Chelsea North-east - - - C.   | 32907  | 26                                     | 20                                     | 8  | 8          | -        | -                 | -           | -               | 6       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| May Fair WW - - - G.J.  | 30353  | 9                                      | 20                                     | 4  | 8          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | 1  | 1   | 12  |                   |                                   |
| Belgrave WHHH - - - C.  | 69220  | 26                                     | 23                                     | 5  | 5          | -        | -                 | -           | -               | 2       | -                              | -                            | -          | 1         | 1  | 2   | 7   |                   |                                   |
| St. John Westminster HHH - - C.   | 35496  | 32                                     | 18                                     | 6  | 2          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | 2   | -   |                   |                                   |
| St. Margaret Westminster H - - C.   | 24679  | 8                                      | 16                                     | 1  | 3          | -        | -                 | 1           | -               | 2       | -                              | -                            | -          | -         | -  | -   | 5   |                   |                                   |
| St. James Westminster WHH N.R. & G.J.                                       | 29941  | 6                                      | 11                                     | -  | 4          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | 3   |                   |                                   |
| St. Anne Soho HHHHHH - - N.R.   | 19603  | 11                                     | 5                                      | 2  | 1          | -        | -                 | -           | -               | -       | -                              | -                            | -          | 1         | -  | -   | 1   |                   |                                   |
| NORTH DISTRICTS.  |  |  |  |  |            |          |                   |             |                 |         |                                |                              |            |           |    |     |     |                   |                                   |
| All Souls Marylebone HHHH - W.M.  | 26759  | 17                                     | 15                                     | -  | 6          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | 7   |                   |                                   |
| Cavendish Square HHHH - - W.M.  | 14891  | 7                                      | 1                                      | -  | 1          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Rectory Marylebone WHH G.J. & W.M.  | 24809  | 10                                     | 10                                     | 1  | 6          | -        | 1                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | 4   |                   |                                   |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118  | 20                                     | 9                                      | 2  | 2          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Christchurch Marylebone H - W.M.  | 33700  | 24                                     | 14                                     | 4  | 3          | -        | -                 | -           | 1               | 1       | -                              | 1                            | -          | -         | 1  | 1   | -   |                   |                                   |
| St. John Marylebone H - - W.M.  | 33638  | 14                                     | 19                                     | 5  | 3          | -        | -                 | -           | -               | 1       | -                              | 1                            | -          | -         | -  | 1   | -   |                   |                                   |
| Hampstead WHW HHHH N.R. & W.M.  | 45452  | 80                                     | 18                                     | 2  | 5          | -        | 1                 | 2           | -               | -       | -                              | 1                            | -          | -         | -  | 1   | 4   |                   |                                   |
| Regent's Park Panoras H - - W.M.  | 39115  | 17                                     | 10                                     | 1  | 1          | -        | -                 | -           | -               | 1       | -                              | -                            | -          | -         | 1  | 2   | -   |                   |                                   |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 15                                     | 11                                     | 1  | 3          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | 4   |                   |                                   |
| Gray's Inn Lane HHH - - - N.R.  | 30247  | 16                                     | 17                                     | 2  | 4          | -        | 1                 | 1           | -               | 1       | -                              | 1                            | -          | -         | 1  | 4   | 4   |                   |                                   |
| Somers Town H - - - N.R.  | 34369  | 22                                     | 12                                     | 3  | 8          | -        | -                 | -           | -               | -       | -                              | 1                            | -          | -         | -  | 2   | 2   |                   |                                   |
| Camden Town WH - - - N.R.   | 17811  | 8                                      | 23                                     | 3  | 11         | -        | -                 | 1           | -               | 2       | -                              | -                            | -          | -         | 1  | 2   | 17  |                   |                                   |
| Kentish Town W - - - N.R.   | 37487  | 61                                     | 29                                     | 5  | 7          | -        | -                 | 1           | 1               | 1       | -                              | -                            | -          | -         | -  | 2   | 6   |                   |                                   |
| Upper Holloway WHWH - - N.R.  | 67946  | 61                                     | 64                                     | 8  | 24         | -        | -                 | -           | 1               | -       | 2                              | -                            | -          | -         | -  | 3   | 24  |                   |                                   |
| Islington South-west HH - - N.R.  | 109576                                       | 26                                     | 30                                     | 10   | 7          | -        | -                 | -           | -               | 4       | -                              | 1                            | -          | -         | 1  | 3   | -   |                   |                                   |
| Islington South-east - - - N.R.   | 61895  | 42                                     | 25                                     | 7  | 8          | -        | -                 | -           | 1               | -       | 3                              | -                            | -          | -         | 1  | 2   | -   |                   |                                   |
| Highbury H - - - N.R.   | 52043  | 27                                     | 20                                     | 3  | 5          | -        | 1                 | -           | -               | 2       | -                              | -                            | -          | -         | -  | -   | 1   |                   |                                   |
| Stoke Newington H - - - N.R.  | 22781  | 15                                     | 8                                      | -  | 2          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | 1  | 1   | -   |                   |                                   |
| Stamford Hill - - - E.L.  | 9277   | 8                                      | 6                                      | -  | 2          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | 1   | -   |                   |                                   |
| West Hackney - - - N.R.   | 37610  | 22                                     | 17                                     | 9  | 4          | -        | -                 | 1           | 1               | -       | 1                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Hackney WHWHH - - - E.L. & N.R.   | 76911  | 59                                     | 45                                     | 7  | 21         | -        | -                 | 2           | -               | 1       | -                              | 1                            | -          | -         | 1  | 5   | 16  |                   |                                   |
| South Hackney - - - E.L.  | 39493  | 32                                     | 13                                     | 3  | 1          | -        | -                 | 1           | -               | 2       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| CENTRAL DISTRICTS.  |  |  |  |  |            |          |                   |             |                 |         |                                |                              |            |           |    |     |     |                   |                                   |
| St. George Bloomsbury - - - N.R.  | 16691  | 6                                      | 3                                      | -  | 1          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | 1   | -   |                   |                                   |
| St. Giles South WH - - - N.R.   | 14864  | 6                                      | 14                                     | 3  | 5          | -        | -                 | -           | -               | -       | -                              | 1                            | -          | -         | -  | -   | 5   |                   |                                   |
| St. Giles North - - - N.R.  | 13837  | 6                                      | 6                                      | 2  | 1          | -        | 1                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17506  | 9                                      | 14                                     | 3  | 3          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | 1  | 1   | 4   |                   |                                   |
| St. Mary-le-Strand H - - - N.R.   | 7515   | 4                                      | 2                                      | -  | 1          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | 1   | -   |                   |                                   |
| St. Clement Danes H - - - N.R.  | 8559   | 2                                      | 8                                      | 2  | 1          | -        | -                 | -           | 1               | -       | -                              | -                            | -          | -         | -  | -   | 3   |                   |                                   |
| Strand Union Workhouse, Edmonton w.   | -  | -                                      | 4                                      | -  | 4          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | 4   |                   |                                   |
| St. Geo. the Martyr EHHHHH N.R.   | 18671  | 9                                      | 16                                     | 6  | 2          | -        | -                 | -           | 1               | 1       | -                              | -                            | -          | -         | 2  | 2   | 3   |                   |                                   |
| St. Andrew Eastern W - - - N.R.   | 10706  | 6                                      | 3                                      | 1  | 1          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | 1  | 2   | 1   |                   |                                   |
| St. Andrew Hill H - - - N.R.  | 6633   | 1                                      | 3                                      | 1  | 1          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| St. James Clerkenwell - - - N.R.  | 17516  | 6                                      | 11                                     | 5  | 4          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Amwell Clerkenwell - - - N.R.   | 19281  | 5                                      | 7                                      | 3  | -          | -        | -                 | -           | -               | 1       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Pentonville - - - N.R.  | 14773  | 12                                     | 5                                      | 1  | 1          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Goosewell-street - - - N.R.   | 17506  | 14                                     | 3                                      | -  | -          | -        | -                 | -           | -               | 1       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Old-street H - - - N.R.   | 11541  | 7                                      | 8                                      | 3  | 2          | -        | -                 | -           | -               | 1       | -                              | -                            | -          | -         | 1  | 1   | -   |                   |                                   |
| City-road HHL - - - N.R.  | 18928  | 17                                     | 7                                      | 3  | 1          | -        | -                 | -           | -               | -       | -                              | 1                            | -          | -         | -  | 2   | -   |                   |                                   |
| Whitecross-street - - - N.R.  | 9217   | 7                                      | 7                                      | 3  | -          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Fenchurch - - - N.R.  | 7463   | 4                                      | 2                                      | -  | 1          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Holborn Union Workhouse, Mitcham, w.  | -  | -                                      | -                                      | -  | -          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| St. Botolph H - - - N.R. & E.L.   | 11174  | 11                                     | 3                                      | 1  | -          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | 1   |                   |                                   |
| Cripple-gate - - - N.R.   | 7193   | 1                                      | 1                                      | 1  | -          | -        | -                 | -           | -               | 1       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| St. Sepulchre H - - - N.R.  | 5553   | 1                                      | 14                                     | 1  | 5          | -        | -                 | -           | 2               | -       | -                              | -                            | -          | 1         | 4  | 4   | 12  |                   |                                   |
| St. Bride W - - - N.R.  | 8896   | 2                                      | 6                                      | 1  | 2          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | 1  | 1   | -   |                   |                                   |
| Allhallows Barking - - - N.R.   | 13666  | -                                      | 2                                      | -  | -          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |
| Broad Street H - - - N.R.   | 5632   | 1                                      | 3                                      | -  | 3          | -        | -                 | -           | -               | -       | -                              | -                            | -          | -         | -  | -   | -   |                   |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifi-  
Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London  
and K., the Kent Company.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
Saturday, the 10th March, 1888.

| REGISTRATION                   |  | Enu-merated Popu-lation, 1881. | Total Burials during the Week. | Total Deaths during the Week. | The DEATHS registered in the Week include |                                  |            |          |                |             |                 |         |                             |                         |            |           |                |                                |                              |
|--------------------------------|--|--------------------------------|--------------------------------|-------------------------------|---|----------------------------------|------------|----------|----------------|-------------|-----------------|---------|-----------------------------|-------------------------|------------|-----------|----------------|--------------------------------|------------------------------|
| SUB-DISTRICTS.                 |  |                                |                                |                               | Deaths of                                 | Deaths from                      |            |          |                |             |                 |         |                             |                         |            |           |                |                                |                              |
|                                |  |                                |                                |                               | Infants under 1 Year of Age.              | Persons aged 60 Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple continued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |
| EAST DISTRICTS.                |  |                                |                                |                               |   |                                  |            |          |                |             |                 |         |                             |                         |            |           |                |                                |                              |
| Holywell Shoreditch            |  | N.R. & E.L.                    | 7376                           | 6                             | 4   | 2                                | -          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. Leonard Shoreditch         |  | HL*                            | 14967                          | 8                             | 2   | 1                                | -          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Roston New Town w              |  | -                              | 21937                          | 22                            | 22  | 8                                | 10         | -        | -              | -           | 1               | 1       | -                           | -                       | -          | -         | 1              | 12                             | -                            |
| Roston Old Town                |  | -                              | 28036                          | 19                            | 14  | 3                                | 4          | -        | -              | -           | 1               | 1       | -                           | -                       | -          | -         | 2              | -                              | -                            |
| Haggerston WH                  |  | -                              | 46276                          | 27                            | 19  | 9                                | 9          | -        | 1              | 1           | 1               | 2       | -                           | -                       | -          | -         | 11             | -                              | -                            |
| Hackney-road H-                |  | -                              | 27738                          | 17                            | 12  | 5                                | 2          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | 2              | -                              | -                            |
| Green, Bethnal Green WHL*      |  | -                              | 47632                          | 23                            | 18  | 11                               | 11         | -        | 2              | 1           | -               | 3       | -                           | -                       | -          | -         | 11             | -                              | -                            |
| Church, Bethnal Green          |  | -                              | 29981                          | 18                            | 16  | 4                                | 4          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | 1              | -                              | -                            |
| Town, Bethnal Green            |  | -                              | 19810                          | 16                            | 9   | 3                                | 1          | -        | 2              | -           | -               | 1       | -                           | -                       | -          | 1         | 2              | -                              | -                            |
| Criticalfields                 |  | -                              | 22655                          | 18                            | 3   | -                                | 1          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Mile End New Town W            |  | -                              | 15473                          | 20                            | 12  | -                                | 1          | -        | -              | -           | -               | -       | 1                           | -                       | -          | -         | 1              | 10                             | -                            |
| Whitechapel Church H           |  | -                              | 17490                          | 15                            | 23  | 3                                | 2          | -        | -              | -           | 2               | 2       | -                           | -                       | 1          | 3         | 1              | 16                             | -                            |
| Woodman's Fields               |  | -                              | 5713                           | 2                             | 5   | 3                                | 2          | -        | -              | -           | 1               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Algate                         |  | -                              | 6102                           | 5                             | 4   | -                                | 2          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. George's North             |  | -                              | 88747                          | 22                            | 14  | 4                                | 4          | -        | 1              | -           | -               | 1       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. John St. George East W     |  | -                              | 8410                           | 9                             | 11  | 2                                | 5          | -        | -              | -           | -               | -       | -                           | -                       | -          | 1         | 2              | 4                              | -                            |
| Shadwell HH                    |  | -                              | 16995                          | 14                            | 6   | 4                                | -          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 4                              | -                            |
| Katcliff                       |  | -                              | 16107                          | 11                            | 6   | 2                                | -          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Amehouse                       |  | -                              | 85041                          | 28                            | 14  | 4                                | 3          | -        | -              | 1           | -               | -       | -                           | -                       | -          | 1         | 1              | -                              | 1                            |
| Mile End Old Town West         |  | -                              | 87980                          | 37                            | 14  | 1                                | 5          | -        | -              | -           | 3               | -       | 1                           | -                       | 1          | -         | -              | -                              | -                            |
| Mile End Old Town East WWH-H   |  | -                              | 67653                          | 50                            | 26  | 7                                | 18         | -        | 1              | 1           | -               | 2       | -                           | -                       | -          | 1         | 3              | 14                             | -                            |
| Row                            |  | -                              | 87074                          | 32                            | 13  | 4                                | 5          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | 1              | 8                              | -                            |
| Pomley WWH-H                   |  | -                              | 64859                          | 57                            | 44  | 7                                | 8          | -        | 1              | -           | 1               | -       | -                           | -                       | -          | 1         | 1              | 23                             | -                            |
| Poplar WWH                     |  | -                              | 60277                          | 48                            | 26  | 4                                | 4          | -        | -              | -           | 2               | -       | 1                           | -                       | -          | 2         | 4              | -                              | -                            |
| SOUTH DISTRICTS.               |  |                                |                                |                               |   |                                  |            |          |                |             |                 |         |                             |                         |            |           |                |                                |                              |
| Christchurch Southwark WH      |  | L. & S.                        | 15663                          | 8                             | 2   | 1                                | 1          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 1                              | -                            |
| St. Saviour Southwark          |  | -                              | 14999                          | 9                             | 4   | 2                                | -          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | 1                            |
| Kent-road                      |  | -                              | 21381                          | 19                            | 6   | -                                | 2          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Rorough-road WH                |  | -                              | 12953                          | 6                             | 7   | 2                                | 2          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 2                              | -                            |
| London-road HL                 |  | -                              | 21318                          | 11                            | 8   | 2                                | 2          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Trinity Newington              |  | -                              | 26472                          | 22                            | 12  | 7                                | 7          | -        | -              | -           | 1               | -       | -                           | -                       | -          | -         | -              | 1                              | 1                            |
| St. Peter Walworth W           |  | -                              | 27455                          | 51                            | 32  | 4                                | 15         | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. Mary Newington             |  | -                              | 27455                          | 51                            | 32  | 4                                | 15         | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 9                              | -                            |
| St. Olive WH                   |  | -                              | 21623                          | 20                            | 11  | 3                                | 2          | -        | -              | 1           | -               | 1       | -                           | -                       | -          | -         | 1              | -                              | -                            |
| Leather Market                 |  | -                              | 11256                          | 10                            | 16  | -                                | 3          | -        | -              | -           | -               | -       | 1                           | -                       | -          | 2         | 3              | 12                             | -                            |
| St. Mary Magdalen W            |  | -                              | 16800                          | 15                            | 9   | 3                                | 2          | -        | 1              | -           | -               | -       | -                           | -                       | -          | 1         | 2              | -                              | -                            |
| St. James Bermondsey           |  | -                              | 15669                          | 10                            | 10  | 1                                | 5          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 1                              | -                            |
| Totherhithe WH                 |  | -                              | 14693                          | 32                            | 12  | 3                                | 4          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 8                              | -                            |
| Totherhithe WH                 |  | -                              | 36024                          | 18                            | 25  | 7                                | 6          | -        | 1              | 1           | -               | 1       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Waterloo-road 1st H            |  | -                              | 15195                          | 10                            | 9   | 1                                | 3          | -        | -              | -           | -               | 1       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Waterloo-road 2nd H            |  | -                              | 16821                          | 20                            | 6   | 1                                | 3          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Lambeth Church 1st H           |  | -                              | 16876                          | 16                            | 8   | 2                                | 3          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | 1              | 2                              | 4                            |
| Lambeth Church 2nd WH          |  | -                              | 39539                          | 29                            | 53  | 6                                | 11         | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 11                             | 1                            |
| Kennington 1st                 |  | -                              | 45232                          | 22                            | 19  | 10                               | 4          | -        | -              | -           | 1               | 1       | -                           | -                       | 1          | -         | -              | -                              | -                            |
| Kennington 2nd                 |  | -                              | 34382                          | 13                            | 11  | 2                                | 4          | -        | -              | -           | 1               | 1       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Brixton w                      |  | -                              | 62887                          | 32                            | 26  | 5                                | 15         | -        | -              | -           | 2               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Norwood W                      |  | -                              | 19017                          | 11                            | 13  | 3                                | 3          | -        | -              | -           | -               | 2       | -                           | -                       | -          | -         | -              | -                              | 1                            |
| East Battersea                 |  | -                              | 84675                          | 43                            | 20  | 7                                | -          | -        | -              | -           | 2               | -       | -                           | -                       | -          | 1         | 2              | -                              | -                            |
| West Battersea WWH             |  | -                              | 52387                          | 10                            | 33  | 12                               | 5          | -        | -              | -           | -               | -       | 1                           | -                       | -          | -         | -              | 7                              | -                            |
| Lapham H                       |  | -                              | 26380                          | 14                            | 17  | 7                                | -          | -        | -              | 1           | -               | -       | -                           | -                       | -          | -         | -              | 2                              | -                            |
| Wandsworth WHL                 |  | -                              | 26004                          | 32                            | 12  | 4                                | 2          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Putney                         |  | -                              | 18235                          | 7                             | 6   | 1                                | 1          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Treatham                       |  | -                              | 25553                          | 42                            | 17  | 3                                | 7          | -        | -              | 2           | 4               | -       | -                           | -                       | 2          | -         | 2              | -                              | -                            |
| Dulwich                        |  | -                              | 8590                           | 2                             | 1   | -                                | -          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Camberwell WwL*L*              |  | -                              | 49104                          | 61                            | 43  | 6                                | 18         | 1        | -              | -           | -               | -       | -                           | -                       | -          | 1         | 2              | 3                              | -                            |
| Cockham W                      |  | -                              | 71089                          | 38                            | 35  | 4                                | 16         | -        | -              | 2           | -               | 1       | -                           | -                       | 1          | 2         | 4              | 22                             | -                            |
| St. George Camberwell          |  | -                              | 60810                          | 37                            | 21  | 7                                | 6          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| St. Paul Deptford w            |  | -                              | 76782                          | 72                            | 34  | 8                                | 6          | -        | -              | 4           | 2               | 5       | -                           | 2                       | -          | -         | -              | 6                              | 2                            |
| St. Nicholas Deptford          |  | -                              | 7501                           | 6                             | -   | -                                | -          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Greenwich West H               |  | -                              | 21972                          | 18                            | 12  | 2                                | 5          | -        | -              | 1           | 1               | -       | -                           | -                       | -          | 1         | 1              | 1                              | -                            |
| Greenwich East WHH             |  | -                              | 24608                          | 30                            | 23  | 5                                | 5          | -        | 1              | 1           | -               | -       | -                           | -                       | -          | -         | 13             | 1                              | -                            |
| Alham H                        |  | -                              | 2048                           | 4                             | 1   | 1                                | -          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Lee H                          |  | -                              | 21559                          | 7                             | 5   | 1                                | 1          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Lewisham WH                    |  | -                              | 19865                          | 12                            | 9   | 1                                | 6          | -        | -              | 1           | -               | -       | -                           | -                       | -          | 1         | 1              | 2                              | -                            |
| Rydenham H                     |  | -                              | 20076                          | 23                            | 15  | 2                                | 5          | -        | -              | -           | 3               | 3       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Charlton H                     |  | -                              | 10930                          | 8                             | 5   | -                                | 2          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 2                              | -                            |
| Foolwich Dockyard              |  | -                              | 17617                          | 12                            | 4   | -                                | 1          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Foolwich Arsenal HH            |  | -                              | 19148                          | 10                            | 5   | -                                | 2          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Lumstead West H                |  | -                              | 14009                          | 6                             | 3   | 1                                | 1          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |
| Lumstead East W                |  | -                              | 12241                          | 27                            | 16  | 3                                | 4          | -        | -              | -           | -               | -       | -                           | -                       | -          | 2         | 2              | 4                              | -                            |
| Metropolitan Asylum Hospitals: |  |                                |                                |                               |   |                                  |            |          |                |             |                 |         |                             |                         |            |           |                |                                |                              |
| Dartford w                     |  | -                              | -                              | -                             | 1   | -                                | -          | 1        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | 1                              | -                            |
| Winchmore Hill w               |  | -                              | -                              | -                             | 1   | -                                | -          | -        | 1              | -           | -               | -       | -                           | -                       | -          | -         | -              | 1                              | -                            |
| Plaistow w                     |  | -                              | -                              | -                             | -   | -                                | -          | -        | -              | -           | -               | -       | -                           | -                       | -          | -         | -              | -                              | -                            |

The following WORKHOUSE establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by :-

TABLE BY SE:-

|   |                                       |
|---|---------------------------------------|
| Marplebone Infirmary in Kensington Town sub-district.             |                                       |
| Central London Sick Asylum, in Tottenham Court-road sub-district. |                                       |
| Holborn Infirmary   | in Upper Holloway sub-district.       |
| London City Workhouse   | " Hackney sub-district.               |
| Holborn "   | " Hoxton New Town sub-district.       |
| Whitechapel "   | " Mile End Old Town Eastern sub-dist. |
| London City "   | " Mile End Old Town Eastern sub-dist. |
| " "   | " and Bromley sub-district.           |

\* Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hack-  
ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,  
Edmonton, and West Ham sub-districts outside Registration London.

\* Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 10th March, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.    | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Ename-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |                                 |
|---|-----------------------------------|--|--|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|---------------------------------|
|   |                                   |  |  |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |                                 |
|   |                                   |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| LONDON—OUTER RING   |                                   | 370,924  | 950,957                                      | 801     | 499     | 119                                       | 141                                 | -           | 5        | 5              | 5           | 33              | 5      | 5          | 14        | 23             | 62                                | 1                               |
| 80:1  | Carshalton <i>wL</i>              | 12228  | 21118  | 10      | 18      | 4   | 5                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | 1                                 | -                               |
| 2   | Epsom (part of) * <i>WwH</i>      | 9071   | 10710  | 4       | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                               |
| 87:1  | Godstone (part of) *              | 2754   | 1235   | 1       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 38:1  | Croydon <i>WwHLL</i>              | 20851  | 101241                                       | 75      | 52      | 10  | 13                                  | -           | -        | 1              | -           | 3               | -      | 1          | 2         | 3              | 18                                | -                               |
| 2   | Mitcham <i>w†</i>                 | 11097  | 17932  | 7       | 9       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 2                               |
| 39:1  | Wimbledon <i>HHH</i>              | 3220   | 15950  | 19      | 5       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Kingston <i>WHH</i>               | 8549   | 36354  | 31      | 13      | 4   | 4                                   | -           | -        | -              | -           | -               | -      | -          | 2         | 3              | -                                 | -                               |
| 3   | Esher (part of) *                 | 6601   | 9221   | 7       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 4   | Hampton <i>H</i>                  | 4573   | 13559  | 8       | 3       | 2   | 4                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                               |
| 40:1  | Richmond <i>WH</i>                | 2272   | 21309  | 12      | 11      | 1   | 4                                   | -           | 1        | -              | -           | 1               | -      | -          | -         | -              | 3                                 | -                               |
| 2   | Mortlake                          | 2911   | 12331  | 8       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 41:1  | Bromley (pt. of) * <i>HH</i>      | 15669  | 31142  | 17      | 11      | 3   | 4                                   | -           | -        | -              | 1           | 1               | -      | 1          | -         | -              | -                                 | -                               |
| 2   | Chislehurst (pt. of) * <i>WHH</i> | 14307  | 16344  | 13      | 3       | 1   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 1                                 | -                               |
| 42:1  | Bexley <i>H</i>                   | 13437  | 24134  | 20      | 12      | 3   | 4                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 124:1   | Sunbury <i>w</i>                  | 11055  | 11635  | 7       | 5       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Staines <i>W</i>                  | 13277  | 12039  | 11      | 7       | 2   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 125:1   | Hillingdon <i>WHH</i>             | 6029   | 10802  | 6       | 5       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 | -                               |
| 2   | Uxbridge                          | 6178   | 5225   | 7       | 5       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Hayes <i>wHL</i>                  | 14537  | 11523  | 2       | 7       | 1   | -                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | 4                                 | -                               |
| 126:1   | Isleworth <i>WHH</i>              | 7008   | 22727  | 12      | 13      | 4   | 4                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 2              | -                                 | -                               |
| 2   | Twickenham <i>H</i>               | 2477   | 12479  | 13      | 5       | 1   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Brentford <i>HL</i>               | 4345   | 27649  | 19      | 7       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 2              | -                                 | -                               |
| 4   | Chiswick                          | 1340   | 15975  | 9       | 5       | -   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 5   | Acton <i>wH</i>                   | 6033   | 22876  | 13      | 15      | 3   | 5                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 3                                 | -                               |
| 127:1   | Harrow <i>H</i>                   | 13309  | 12796  | 4       | 6       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                               |
| 2   | Edgware <i>H</i>                  | 6994   | 3749   | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Willesden                         | 4353   | 27453  | 33      | 22      | 9   | 6                                   | -           | 2        | -              | -           | 1               | 1      | -          | -         | -              | -                                 | -                               |
| 4   | Hendon <i>W</i>                   | 8332   | 10484  | 8       | 6       | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4                                 | -                               |
| 128:1   | South Mimms                       | 15599  | 6391   | 9       | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Barnet                            | 5433   | 10092  | 4       | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                               |
| 3   | Finchley <i>HL</i>                | 4688   | 17615  | 14      | 17      | 1   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 9                                 | -                               |
| 129:1   | Hornsey <i>H</i>                  | 3039   | 37078  | 23      | 14      | 3   | 2                                   | -           | -        | -              | -           | 2               | -      | -          | -         | 1              | -                                 | -                               |
| 2   | Tottenham <i>H</i>                | 4643   | 46456  | 65      | 36      | 12  | 6                                   | -           | -        | -              | -           | 6               | 1      | -          | 1         | 2              | 1                                 | 4                               |
| 3   | Edmonton <i>Ww†</i>               | 7433   | 23463  | 21      | 16      | 3   | 5                                   | -           | -        | 1              | -           | 3               | 1      | -          | -         | 1              | 4                                 | -                               |
| 4   | Enfield <i>WH</i>                 | 12653  | 19104  | 27      | 12      | 2   | 4                                   | -           | -        | 1              | 2           | -               | -      | -          | 1         | 1              | 1                                 | -                               |
| 5   | Waltham Abbey                     | 11017  | 5263   | 2       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 6   | Cheshunt                          | 8450   | 7735   | 7       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 135:1   | Hatfield (part of) *              | 3306   | 563  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 137:1   | Bushey                            | 9331   | 6621   | 4       | 5       | 1   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 | -                               |
| 136:1   | Stratford                         | 832  | 3806   | 32      | 17      | 1   | 4                                   | -           | -        | -              | -           | 2               | -      | 1          | -         | 1              | -                                 | -                               |
| 2   | West Ham <i>wowwH‡</i>            | 7351   | 10103  | 100     | 66      | 19  | 10                                  | -           | 2        | 1              | -           | 5               | 2      | -          | 3         | 3              | -                                 | 3                               |
| 3   | Leyton <i>WwL</i>                 | 4372   | 32430  | 33      | 25      | 4   | 11                                  | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | 8                                 | 1                               |
| 4   | Walthamstow <i>H</i>              | 6520   | 28869  | 32      | 18      | 9   | 1                                   | -           | -        | -              | 1           | 3               | -      | 1          | -         | -              | -                                 | -                               |
| 137:1   | Chigwell (part of) * <i>H</i>     | 11761  | 9039   | 8       | 1       | -   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                               |
| 139:1   | Romford (part of) *               | 6730   | 3411   | 6       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 2   | Ilford                            | 8493   | 7345   | 11      | 4       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                               |
| 3   | Barking Town                      | 4127   | 3203   | 15      | 4       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | 2                               |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 10th March, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  |                                   |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16  |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 22.5  | 2.6                                   | 2385                             | 543                                       | 693  | 2           | 26       | 34                | 23          | 139                 | 25     | 22        | 65        | 486 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 23.0  | 2.6                                   | 1886                             | 424                                       | 552  | 2           | 21       | 29                | 24          | 101                 | 20     | 17        | 51        | 424 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 20.9  | 2.6                                   | 499                              | 9   | 141  | -           | *5       | 5                 | 5           | 38                  | 5      | 5         | 14        | 62  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700.622 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,137 Persons.

| CITIES.                        | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                          |
|--------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA -                     | 433,219                               | February 4                  | -                               | 262     | 31.5                               | Fevers 83; cholera 29.                                  |
| BOMBAY -                       | 773,196                               | " 14                        | 293                             | 307     | 23.4                               | Fevers 106; small-pox 11.                               |
| MADRAS -                       | 398,777                               | February 3                  | 237                             | 315     | 41.2                               | Fevers 74; cholera 10; diarrhoeal diseases 54.          |
| PARIS -                        | 2,260,945                             | March 3                     | 1199                            | 1200    | 27.9                               | T.d. fev. 13; sm-p. 6; diph. & crp. 48; diarr. dis. 66. |
| BRUSSELS - (with 8 Faubourgs.) | 454,410                               | " 3                         | 239                             | 209     | 23.5                               | Whooping-cough 3; typ. and typhoid fever 2.             |
| AMSTERDAM -                    | 389,916                               | February 25                 | 331                             | 217     | 28.9                               | Wh.-cough 5; measles 3.                                 |
| ROTTERDAM -                    | 193,660                               | March 3                     | 138                             | 198     | 26.4                               | Wh.-cough 7; measles 3.                                 |
| THE HAGUE -                    | 149,410                               | February 25                 | 161                             | 105     | 28.4                               | Whooping-cough 4.                                       |
|                                |                                       | March 3                     | 115                             | 71      | 27.6                               | Measles 3.  |
|                                |                                       | March 3                     | 106                             | 68      | 24.7                               | Croup 2; scarlet fever 1.                               |
| COPENHAGEN -                   | 300,000                               | February 23                 | 215                             | 130     | 23.7                               | Whooping-cough 3.                                       |
| STOCKHOLM -                    | 216,807                               | " 25                        | 116                             | 90      | 22.6                               | Diphtheria and croup 11; scarlet fever 5.               |
| CHRISTIANIA -                  | 134,000                               | March 3                     | 63                              | 63      | 21.6                               | Scarlet fever 6.  |
| ST. PETERSBURG                 | 928,016                               | February 25                 | -                               | 599     | 25.8                               | Measles 7; diphtheria and croup 6.                      |
| BERLIN -                       | 1,413,603                             | " 18                        | 918                             | 541     | 33.7                               | Typhus & typh. fev. 25; diph. 13; scar. fev. 9.         |
| HAMBURG (State)                | 529,091                               | " 25                        | 356                             | 289     | 19.9                               | Diph. 29; wh.-cough 12; typhus and typhd. fev. 5.       |
| DRESDEN -                      | 259,142                               | " 18                        | 180                             | 109     | 23.5                               | Measles 10; typh. & typhd. fev. 10; diph. & croup 7.    |
| BRESLAU -                      | 308,105                               | " 25                        | 211                             | 168     | 21.9                               | Diphtheria and croup 9.                                 |
| MUNICH -                       | 275,000                               | " 25                        | 199                             | 144     | 28.8                               | Diphtheria 8; whooping-cough 2.                         |
| VIENNA -                       | 800,836                               | " 25                        | 544                             | 367     | 27.2                               | Diarrhoea 10; whooping-cough 2.                         |
| PRAGUE -                       | 295,857                               | March 3                     | -                               | 197     | 23.8                               | Measles 5; scar. fever 5; diphtheria 4.                 |
| BUDA-PESTH -                   | 442,787                               | February 25                 | 334                             | 292     | 31.7                               | Small-pox 23; diph. 5; croup 4.                         |
| TRIESTE -                      | 156,042                               | " 25                        | -                               | 95      | 34.3                               | Typhus and typh. fev. 2; scar. fev. 2; diarr. 19.       |
| ROME -                         | 382,973                               | January 23                  | 248                             | 250     | 31.7                               | Sm.-pox 5; scar. fev. 2.                                |
| TURIN (11 days)-               | 294,826                               | " 31                        | 258                             | 341     | 34.1                               | Sm.-pox 5; typd. fev. 3.                                |
| VENICE -                       | 150,502                               | February 25                 | 90                              | 96      | 38.4                               | Scarlet fever 4; diphtheria 9.                          |
| CAIRO -                        | 374,838                               | " 16                        | 384                             | 257     | 33.3                               | Diphtheria and croup 2.                                 |
| ALEXANDRIA -                   | 231,396                               | " 16                        | 228                             | 176     | 35.8                               | Wh.-cough 6; typh. fev. 8; diar. diseases 82.           |
| NEW YORK -                     | 1,493,000                             | " 18                        | -                               | 796     | 39.7                               | Typh. fev. 3; diarrhoeal diseases 45.                   |
| BROOKLYN -                     | 774,870                               | " 18                        | -                               | 351     | 27.8                               | Scarlet fever 30; diphtheria 43.                        |
| PHILADELPHIA -                 | 1,016,758                             | " 18                        | -                               | 448     | 23.6                               | Scarlet fever 18; diphtheria 21; croup 13.              |
| BALTIMORE -                    | 437,155                               | " 18                        | -                               | 188     | 23.0                               | Diph. 11; typhd. fev. 15; scarlet fever 7.              |
|                                |                                       |                             |                                 |         | 22.4                               | Measles 15.   |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 10TH MARCH, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.               |              |                    | TEMPERATURE. |           |                                       |                   | TEMPERATURE. |   |             |  | TEMPERATURE.  |                    |   |            | Wind as deduced from Anemometers. |      |                              |            | Rain collected in a Gauge whose receiving surface is 9 inches above the ground. | Ozone. |             |        |                 |   |        |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Phases of the Moon. | HARO. METER. | Mean daily reading | Of the Air.  |           | De- parture from Average of 30 years. | Of the Dew Point. |              | Difference between the Air Temperature and Dew Point Temperature. |             | Degree of saturation (Saturated equals 100). | Of Radiation. |                    | Of the Water of the Thames at Deptford. |            | Oster's.                          |      | Pressure on the Square Foot. |            |   |        | Robinson's. |        |                 |   |        |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     |              |                    | High- est.   | Low- est. |                                       | Range.            | Daily value. | Mean daily value.   | Great- est. |  | Least.        | High- est in Rays. | Low- est on Grass.                      | High- est. | Low- est.                         | A.M. | P.M.                         | Grat- est. |   |        |             | Least. | Mean of 24 obs. | Horizontal Movement of the Air on each Day. |        |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     |              |                    |              |           |                                       |                   |              |   |             |  |               |                    |   |            |                                   |      |                              |            |   |        |             |        |                 |   | Miles. | lbs. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MARCH.              |              |                    |              |           |                                       |                   |              |   |             |  |               |                    |   |            |                                   |      |                              |            |   |        |             |        |                 |   |        |      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

| DATE.      |    | ELECTRICITY.   |   | REGISTERED SUNSHINE. |          | SUN ABOVE HORIZON. |          | GENERAL REMARKS.  |  |
|------------|----|--|---|----------------------|----------|--------------------|----------|---|--|
| MARCH.     |    | (For explanation of symbols, see Note.)                                |   | In hours.            |          | In hours.          |          |   |  |
| SUNDAY.    | 4  | s. P. throughout   | . | 0.6                  | 11.1     | 11.1               | 11.1     | Generally cloudy. A little sleet in afternoon.                                |  |
| MONDAY.    | 5  | s. P. till 10h. A.M.; v. N. and v. P. till 7h. P.M.; s. P. afterwards. | . | 0.2                  | 11.1     | 11.1               | 11.1     | Partially cloudy till evening; cloudless at night.                            |  |
| TUESDAY.   | 6  | v. P. generally  | . | 0.4                  | 11.2     | 11.2               | 11.2     | Slightly foggy in morning; partially cloudy till evening; cloudless at night. |  |
| WEDNESDAY. | 7  | s. P. throughout   | . | 3.8                  | 11.2     | 11.2               | 11.2     | Fine with light clouds in morning; generally over- cast afterwards.           |  |
| THURSDAY.  | 8  | v. P. throughout   | . | 0.0                  | 11.3     | 11.3               | 11.3     | Overcast. Very slight rain fell occasionally.                                 |  |
| FRIDAY.    | 9  | v. P. and v. N.  | . | 0.1                  | 11.4     | 11.4               | 11.4     | Overcast with frequent rain till afternoon; variable in evening. Windy.       |  |
| SATURDAY.  | 10 | v. P. in morning; v. N. and v. P. afterwards.                          | . | 1.4                  | 11.4     | 11.4               | 11.4     | Variable. Occasional showers.   |  |
| MEANS.     | .  | .  | . | Sum 6.5              | Sum 78.7 | Sum 78.7           | Sum 78.7 |   |  |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations on the hygrometer were taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the corrected readings of the dry bulb thermometer, and the wet bulb thermometer are given in the columns 19 and 20. The means of the corrected readings of the barometer are given in the columns 21 and 22. The means of the corrected readings of the thermometer are given in the columns 23 and 24. The means of the corrected readings of the air and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; v. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.90 in. at the beginning of the week to 29.72 in. by noon on the 4th; increased to 29.92 in. by 9h. P.M. on the 5th; decreased to 29.13 in. by 4h. A.M. on the 10th; and increased to 29.39 in. by the end of the week.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 11, 1888. VOL. XLIX.] WEEK ENDING SATURDAY, MARCH 17. [Price 1½d.

General Register Office, Somerset House,  
19th March, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 20·3 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |            |             |             | TOWNS.             | Weeks ending |            |             |             |
|--------------|--------------|------------|-------------|-------------|--------------------|--------------|------------|-------------|-------------|
|              | Feb.<br>25.  | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. |                    | Feb.<br>25.  | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. |
| Birkenhead   | 24·0         | 18·2       | 22·4        | 20·9        | Liverpool -        | 22·7         | 23·5       | 27·1        | 20·1        |
| Birmingham   | 20·7         | 18·9       | 22·1        | 16·5        | London -           | 21·6         | 21·9       | 23·0        | 19·5        |
| Blackburn -  | 28·5         | 34·2       | 30·7        | 31·6        | Manchester -       | 25·4         | 25·7       | 31·3        | 24·7        |
| Bolton -     | 18·9         | 17·5       | 18·9        | 24·4        | Newcastle-on-Tyne* | 23·3         | 22·6       | 18·1        | 20·0        |
| Bradford*    | 17·0         | 14·3       | 17·7        | 22·7        | Norwich -          | 16·7         | 20·1       | 29·5        | 26·2        |
| Brighton -   | 20·0         | 17·8       | 16·5        | 20·4        | Nottingham*        | 24·4         | 20·1       | 20·3        | 19·4        |
| Bristol -    | 19·1         | 19·4       | 18·9        | 21·7        | Oldham -           | 18·5         | 24·2       | 27·9        | 21·5        |
| Cardiff*     | 13·0         | 25·5       | 28·4        | 27·4        | Plymouth -         | 32·2         | 21·5       | 28·2        | 26·9        |
| Derby -      | 15·7         | 25·5       | 15·2        | 17·9        | Portsmouth -       | 24·7         | 23·2       | 25·4        | 20·2        |
| Halifax -    | 18·2         | 23·4       | 15·0        | 24·1        | Preston -          | 21·2         | 25·3       | 22·2        | 27·8        |
| Huddersfield | 20·0         | 16·0       | 18·8        | 18·8        | Salford*           | 26·5         | 18·0       | 25·8        | 22·1        |
| Hull -       | 16·8         | 19·3       | 20·4        | 15·5        | Sheffield -        | 25·0         | 21·7       | 25·5        | 21·2        |
| Leeds -      | 18·6         | 19·9       | 22·6        | 19·3        | Sunderland -       | 23·7         | 13·4       | 17·4        | 22·2        |
| Leicester*   | 18·5         | 24·2       | 26·3        | 12·8        | Wolverhampton -    | 21·1         | 22·3       | 24·9        | 16·0        |

The highest annual death-rates from *measles*, measured by last week's mortality, were 0·9 in Nottingham and 6·7 in Plymouth; from *scarlet fever*, 1·1 in Oldham and 1·3 in Blackburn; from *whooping-cough*, 1·3 in Brighton and in Blackburn, 1·6 in Salford, and 2·2 in Norwich; and from "fever," 1·0 in Cardiff and 1·1 in Derby. The 33 deaths from *diphtheria* in the twenty-eight towns included 22 in London and 2 in Manchester. *Small-pox* caused 18 deaths in Sheffield, 2 in Bristol, 2 in Manchester, and 2 in Huddersfield, but not one in London or in any of the twenty-three other large provincial towns.

## LONDON.

In LONDON† 2629 BIRTHS and 1604 DEATHS were registered. Allowing for increase of population, the births were 281, and the deaths 292, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had increased in the four preceding weeks, from 20·6 to 23·0, declined last week to 19·5, and was lower than in any previous week of this year. During the first eleven weeks of the current quarter the death-rate averaged 22·3 per 1000, and was 1·4 below the mean rate in the corresponding periods of the ten years 1878-87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmondo, the Holborn Union Workhouse at Miteham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1604 deaths included 22 from measles, 25 from scarlet fever, 22 from diphtheria, 92 from whooping-cough, one from typhus, 10 from enteric fever, one from an ill-defined form of continued fever, 10 from diarrhoea and dysentery, and not one from small-pox or cholera; thus, 183 deaths were referred to these diseases, being 47 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 18. There were 17 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last, and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 15 and 21 in the two preceding weeks, further rose last week to 22, but were 27 below the corrected average; 8 belonged to Hackney sanitary area. The deaths from *scarlet fever*, which had been 32, 27, and 29 in the three previous weeks, declined last week to 25, and corresponded with the corrected average; 2 belonged to Clerkenwell, 3 to Stepney, 2 to Newington, 2 to Lambeth, 2 to Wandsworth, and 5 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1160 scarlet fever patients (there were also 79 in the London Fever Hospital), against numbers declining in the fifteen preceding weeks from 2600 to 1201; 94 cases were admitted to the Metropolitan Asylum Hospitals during last week, against 84 and 100 in the two preceding weeks. The 22 deaths from *diphtheria* showed a decline of 2 from the number returned in each of the two previous weeks, but exceeded the average by 8; 2 belonged to Paddington, and 3 to Wandsworth sanitary areas. The fatal cases of *whooping-cough*, which had been 127, 94, and 101 in the three preceding weeks, declined last week to 92, but exceeded the corrected average by 3; 4 belonged to Paddington, 5 to Chelsea, 8 to Islington, 6 to Hackney, 4 to Shore-ditch, 4 to Bethnal Green, 4 to Poplar, 4 to Bermondsey, 5 to Lambeth, 4 to Camberwell, and 4 to Lewisham sanitary areas.

The deaths referred to *enteric fever*, which had been 15 and 20 in the two preceding weeks, declined last week to 10, and were 5 below the corrected average; 2 belonged to Kensington, and 2 to Hackney sanitary areas. The death referred to *typhus* was of a child, aged five years, in the Camberwell sanitary area; this death was the subject of an inquest. The Metropolitan Asylum Hospitals contained 136 cases of enteric fever, and not one of typhus, on Saturday last; 10 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 478, 488, and 490 in the three preceding weeks, declined last week to 458, and were 79 below the corrected average.

Different forms of violence caused 59 deaths; 50 were the result of negligence or accident, among which were 25 from fractures and contusions, 5 from burns and scalds, 3 from drowning, and 12 of infants under one year of age from suffocation. The 25 deaths from fractures and contusions were thus returned:—8 by accident from horses or vehicles in the street; 2 by accident on railway; 1 by kick of horse; 4 by fall down stairs or steps; 1 by fall from ladder; 1 by fall from chair; 1 by fall of brickwork; 3 by fall in street (one intoxicated); 3 by fall, and 1 by fracture, the cause of which was not stated.

#### GREATER LONDON.

In Greater London 3434 births and 2031 deaths were registered, corresponding to annual rates of 32·4 and 19·2 per 1000 of the population. In the Outer Ring 30 deaths from whooping-cough, 7 from scarlet fever, 6 from diphtheria, and 6 from measles, were registered. The deaths from whooping-cough included 5 in Tottenham and 4 in West Ham sub-districts; 2 fatal cases of diphtheria occurred in Hendon and 2 in West Ham sub-districts, and 2 of scarlet fever in Willesden sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·21 in.; the lowest reading was 28·60 in. on Sunday afternoon, and the highest 29·88 in. at the end of the week. The mean temperature of the *air* was 37°·2, and 3°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Sunday, Wednesday, and Thursday, whereas it was considerably below the average on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 17·5 miles per hour, which was 4·2 miles above the average in the corresponding weeks of 16 years. *Rain* fell on every day of the week, to the aggregate amount of 0·95 in. The duration of registered bright sunshine in the week was 10·8 hours, against 10·1 hours at Glynde Place, Lewes.

EAST LONDON WATER COMPANY.—It having appeared that a sentence in the last Weekly Return, relating to Dr. Frankland's report upon the Metropolitan water supply in February, was so expressed as to be liable to misinterpretation, it is desirable to explain that the remark there made as to the comparative inferiority of the East London Company's water had no reference to organic impurity, but to the amount of total solid residue and the degree of hardness.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 17th March, 1888.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | Registered during<br>the Week ending<br>Mar. 17th, 1888. |         | DEATHS.                            |   | The DEATHS registered in the Week include |          |                   |             |                     |        |            |           |                |                                      |                                  |                     | TEMPERATURE OF THE AIR.  |          |         |             |             |      |         |      | RAINFALL.            |                | CITIES<br>AND<br>BOROUGH. |      |      |      |      |      |
|---------------------------|---|--|---------|------------------------------------|---|---|----------|-------------------|-------------|---------------------|--------|------------|-----------|----------------|--------------------------------------|----------------------------------|---------------------|--|----------|---------|-------------|-------------|------|---------|------|----------------------|----------------|---------------------------|------|------|------|------|------|
|                           |   | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age. | Persons aged<br>upwards<br>of 15 Years. | Deaths from                               |          |                   |             |                     |        |            |           |                |                                      |                                  |                     | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths |          |         |             | Mean.       |      | Inches. |      | In Centi-<br>metres. |                |                           |      |      |      |      |      |
|                           |   |  |         |                                    |   | Small-pox.                                | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unclassified<br>Causes of Death. | From All<br>Causes. | From<br>12 Causes<br>in<br>Cols. 6-12.                               | Highest. | Lowest. | Fahrenheit. | Centigrade. |      |         |      |                      |                |                           |      |      |      |      |      |
| Col.                      | Col.  | Col.   | Col.    | Col.                               | Col.                                    | Col.                                      | Col.     | Col.              | Col.        | Col.                | Col.   | Col.       | Col.      | Col.           | Col.                                 | Col.                             | Col.                | Col.   | Col.     | Col.    | Col.        | Col.        | Col. | Col.    | Col. | Col.                 | Col.           | Col.                      | Col. | Col. | Col. | Col. | Col. |
| 28 TOWNS*                 | 9,398,273   | 5560   | 3656    | 812                                | 911                                     | 24  | 46       | 49                | 33          | 148                 | 33     | 30         | 111       | 241            | 633                                  | 87                               | 20.3                | 2.0  | 56.0     | 26.5    | 35.2        | 1.78        | 1.15 | 2.92    | 24.  | Col.                 | -              | 28 TOWNS.                 |      |      |      |      |      |
| LONDON*                   | 4,282,921   | 2629   | 1604    | 332                                | 430                                     | -   | 22       | 25                | 22          | 92                  | 12     | 10         | 59        | 116            | 355                                  | 11                               | 19.5                | 2.2  | 52.2     | 29.0    | 37.2        | 2.89        | 0.95 | 2.41    | -    | -                    | LONDON.        |                           |      |      |      |      |      |
| BRIGHTON                  | 119,983   | 46   | 47      | 13                                 | 15                                      | -   | -        | -                 | 1           | 3                   | -      | -          | 2         | 3              | 3                                    | 2                                | 20.4                | 1.7  | 46.3     | 28.5    | 37.6        | 3.11        | 0.91 | 2.31    | -    | -                    | BRIGHTON.      |                           |      |      |      |      |      |
| PORTSMOUTH                | 139,575   | 93   | 54      | 10                                 | 22                                      | -   | -        | -                 | 1           | 4                   | -      | -          | 2         | 4              | 5                                    | 1                                | 26.2                | 0.7  | -        | -       | -           | -           | -    | -       | -    | -                    | PORTSMOUTH.    |                           |      |      |      |      |      |
| NORWICH                   | 93,675  | 66   | 47      | 11                                 | 15                                      | -   | -        | 1                 | 1           | 4                   | -      | -          | 2         | 3              | 3                                    | 1                                | 26.9                | 7.4  | 53.0     | 29.5    | 40.4        | 4.67        | 1.15 | 2.92    | -    | -                    | NORWICH.       |                           |      |      |      |      |      |
| PLYMOUTH                  | 77,674  | 38   | 40      | 6                                  | 12                                      | -   | 10       | -                 | -           | -                   | 1      | -          | 2         | 3              | 3                                    | 2                                | 21.7                | 1.6  | 46.6     | 27.6    | 37.3        | 2.94        | 1.15 | 2.92    | -    | -                    | PLYMOUTH.      |                           |      |      |      |      |      |
| BRISTOL                   | 226,510   | 114  | 94      | 17                                 | 34                                      | 2   | -        | -                 | 1           | 3                   | -      | 1          | 2         | 3              | 3                                    | 1                                | 16.0                | 0.6  | 52.8     | 26.5    | 35.1        | 1.72        | 0.56 | 1.42    | -    | -                    | BRISTOL.       |                           |      |      |      |      |      |
| WOLVERHAMPTON             | 81,691  | 61   | 25      | 6                                  | 7                                       | -   | -        | -                 | -           | 1                   | -      | -          | 2         | 3              | 3                                    | 1                                | 16.5                | 1.2  | -        | -       | -           | -           | -    | -       | -    | -                    | WOLVERHAMPTON. |                           |      |      |      |      |      |
| BIRMINGHAM                | 447,912   | 223  | 142     | 26                                 | 33                                      | -   | 5        | -                 | -           | 2                   | 1      | 2          | 6         | 14             | 33                                   | 4                                | 12.8                | 1.1  | 48.0     | 28.0    | 35.2        | 1.78        | 0.66 | 1.68    | -    | -                    | BIRMINGHAM.    |                           |      |      |      |      |      |
| LEICESTER*                | 146,790   | 93   | 36      | 16                                 | 7                                       | -   | 4        | -                 | -           | 3                   | -      | 1          | 2         | 4              | 8                                    | 3                                | 19.4                | 1.6  | 55.8     | 27.0    | 35.3        | 1.83        | 0.81 | 2.06    | -    | -                    | LEICESTER.     |                           |      |      |      |      |      |
| NOTTINGHAM*               | 230,921   | 114  | 86      | 24                                 | 24                                      | -   | -        | -                 | -           | -                   | -      | -          | 2         | 3              | 6                                    | -                                | 17.9                | 2.2  | -        | -       | -           | -           | -    | -       | -    | -                    | NOTTINGHAM.    |                           |      |      |      |      |      |
| DERBY                     | 96,241  | 46   | 33      | 6                                  | 9                                       | -   | -        | -                 | -           | 2                   | 2      | 1          | 2         | 6              | 4                                    | 1                                | 20.9                | 0.5  | -        | -       | -           | -           | -    | -       | -    | -                    | DERBY.         |                           |      |      |      |      |      |
| BIRKENHEAD                | 100,093   | 57   | 40      | 11                                 | 8                                       | -   | -        | -                 | -           | 6                   | 3      | 3          | 6         | 7              | 35                                   | 20                               | 20.1                | 1.3  | 44.4     | 29.3    | 33.5        | 0.83        | 0.60 | 1.52    | -    | -                    | BIRKENHEAD.    |                           |      |      |      |      |      |
| LIVERPOOL                 | 639,738   | 332  | 231     | 48                                 | 48                                      | -   | -        | -                 | 2           | 1                   | 2      | 1          | 1         | 4              | 9                                    | 1                                | 24.4                | 1.8  | -        | -       | -           | -           | -    | -       | -    | -                    | LIVERPOOL.     |                           |      |      |      |      |      |
| BOLTON                    | 113,506   | 61   | 53      | 9                                  | 12                                      | -   | -        | -                 | 1           | 2                   | 1      | -          | -         | -              | -                                    | -                                | 24.7                | 2.3  | -        | -       | -           | -           | -    | -       | -    | -                    | BOLTON.        |                           |      |      |      |      |      |
| MANCHESTER                | 578,164   | 258  | 179     | 38                                 | 38                                      | 2   | 1        | 1                 | 2           | 7                   | 1      | 3          | 7         | 16             | 43                                   | 4                                | 24.7                | 2.3  | -        | -       | -           | -           | -    | -       | -    | -                    | MANCHESTER.    |                           |      |      |      |      |      |
| SALFORD*                  | 226,336   | 149  | 96      | 24                                 | 16                                      | -   | -        | -                 | 3           | 7                   | 3      | 1          | 1         | 2              | 13                                   | 4                                | 22.1                | 3.2  | -        | -       | -           | -           | -    | -       | -    | -                    | SALFORD.       |                           |      |      |      |      |      |
| OLDHAM                    | 138,220   | 88   | 57      | 9                                  | 12                                      | -   | -        | 3                 | -           | -                   | -      | -          | 3         | 5              | 4                                    | -                                | 21.5                | 1.1  | -        | -       | -           | -           | -    | -       | -    | -                    | OLDHAM.        |                           |      |      |      |      |      |
| BLACKBURN                 | 119,089   | 77   | 72      | 20                                 | 12                                      | -   | 1        | 3                 | 1           | 3                   | 1      | 1          | -         | -              | 9                                    | 5                                | 31.6                | 3.9  | -        | -       | -           | -           | -    | -       | -    | -                    | BLACKBURN.     |                           |      |      |      |      |      |
| PRESTON                   | 103,234   | 67   | 55      | 17                                 | 14                                      | -   | -        | -                 | 1           | 3                   | 1      | 1          | -         | -              | 6                                    | -                                | 27.8                | 1.5  | 56.0     | 28.0    | 35.4        | 1.89        | 0.71 | 1.80    | -    | -                    | PRESTON.       |                           |      |      |      |      |      |
| HUDDESFIELD               | 91,419  | 35   | 23      | 5                                  | 7                                       | 2   | -        | -                 | -           | 2                   | -      | -          | -         | 4              | 1                                    | -                                | 18.8                | 2.3  | -        | -       | -           | -           | -    | -       | -    | -                    | HUDDESFIELD.   |                           |      |      |      |      |      |
| HALIFAX                   | 80,138  | 40   | 37      | 6                                  | 11                                      | -   | -        | -                 | -           | -                   | -      | -          | -         | 4              | 6                                    | 4                                | 24.1                | 0.0  | -        | -       | -           | -           | -    | -       | -    | -                    | HALIFAX.       |                           |      |      |      |      |      |
| BRADFORD*                 | 229,721   | 118  | 100     | 27                                 | 27                                      | -   | 2        | -                 | -           | -                   | -      | 2          | 1         | 4              | 12                                   | 5                                | 22.7                | 1.4  | 49.6     | 27.2    | 33.2        | 0.67        | 1.98 | 5.03    | -    | -                    | BRADFORD.      |                           |      |      |      |      |      |
| LEEDS                     | 351,210   | 206  | 130     | 36                                 | 21                                      | -   | -        | 4                 | 1           | 5                   | 2      | -          | 3         | 12             | 7                                    | 4                                | 19.3                | 1.8  | -        | -       | -           | -           | -    | -       | -    | -                    | LEEDS.         |                           |      |      |      |      |      |
| SHEFFIELD                 | 321,711   | 189  | 131     | 38                                 | 28                                      | 18  | -        | 4                 | -           | 2                   | 1      | -          | 3         | 5              | 17                                   | 7                                | 21.2                | 4.1  | -        | -       | -           | -           | -    | -       | -    | -                    | SHEFFIELD.     |                           |      |      |      |      |      |
| HULL                      | 202,359   | 101  | 60      | 14                                 | 13                                      | -   | -        | -                 | -           | 1                   | 1      | 1          | 1         | 1              | 2                                    | 3                                | 15.5                | 0.5  | 43.0     | 27.0    | 32.3        | 0.17        | 1.10 | 2.79    | -    | -                    | HULL.          |                           |      |      |      |      |      |
| SUNDERLAND                | 131,919   | 69   | 56      | 12                                 | 14                                      | -   | -        | -                 | 1           | 1                   | -      | -          | 1         | 2              | 3                                    | 3                                | 22.2                | 1.2  | 45.0     | 28.0    | 34.5        | 1.39        | 2.16 | 5.49    | -    | -                    | SUNDERLAND.    |                           |      |      |      |      |      |
| NEWCASTLE*                | 159,003   | 88   | 61      | 15                                 | 11                                      | -   | 1        | -                 | -           | 1                   | 1      | -          | -         | 2              | 4                                    | 2                                | 20.0                | 1.0  | 36.0     | 28.0    | 30.8        | -0.67       | 2.21 | 5.61    | -    | -                    | NEWCASTLE.     |                           |      |      |      |      |      |
| CARDIFF*                  | 168,570   | 102  | 57      | 16                                 | 11                                      | -   | -        | 1                 | -           | -                   | 2      | 1          | 3         | 3              | 8                                    | 2                                | 27.4                | 1.9  | -        | -       | -           | -           | -    | -       | -    | -                    | CARDIFF.       |                           |      |      |      |      |      |
| EDINBURGH                 | 292,753   | 131  | 87      | 18                                 | 19                                      | -   | 4        | 1                 | -           | -                   | -      | 3          | 2         | 9              | 23                                   | 18                               | 17.3                | 1.6  | 41.2     | 23.0    | 30.8        | -0.67       | 0.14 | 0.36    | -    | -                    | EDINBURGH.     |                           |      |      |      |      |      |
| GLASGOW                   | 526,088   | 361  | 272     | 56                                 | 48                                      | -   | 4        | 1                 | 5           | 15                  | 2      | 6          | 8         | 9              | 26                                   | 45                               | 27.0                | 3.3  | 43.0     | 20.9    | 32.3        | 0.17        | 0.22 | 0.56    | -    | -                    | GLASGOW.       |                           |      |      |      |      |      |
| DUBLIN                    | 353,082   | 203  | 196     | 30                                 | 56                                      | -   | 5        | 3                 | 1           | -                   | 8      | 2          | 5         | 6              | 67                                   | 27                               | 29.0                | 2.8  | 47.3     | 22.7    | 36.2        | 2.33        | 1.84 | 4.67    | -    | -                    | DUBLIN.        |                           |      |      |      |      |      |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the ELEVENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2552 | 2638 | 2757 | 2709 | 2574 | 2771 | 2761 | 2675 | 2750 | 2501 | 2910·2   | 2629 |
| Males . .           | 1292 | 1327 | 1410 | 1350 | 1344 | 1463 | 1384 | 1330 | 1356 | 1251 | 1473·4   | 1352 |
| Females .           | 1260 | 1311 | 1347 | 1359 | 1230 | 1303 | 1377 | 1345 | 1394 | 1250 | 1436·8   | 1277 |
| <b>TOTAL Deaths</b> | 1526 | 1989 | 1465 | 1459 | 1691 | 1854 | 1660 | 1673 | 2413 | 1652 | 1896·0   | 1604 |
| Males . .           | 792  | 962  | 768  | 722  | 866  | 974  | 856  | 841  | 1229 | 829  | 963·9  | 797  |
| Females .           | 734  | 1027 | 697  | 737  | 825  | 880  | 804  | 837  | 1184 | 823  | 932·1  | 807  |

\* The numbers in this column are the average weekly numbers in the eleventh weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Dec.<br>24. | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. |
|--|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|
| <b>TOTAL Births</b>                      | 2406        | 2326        | 2845       | 2556        | 2638        | 2715        | 2688       | 2830        | 2569        | 2473        | 2778       | 2583        | 2629        |
| <b>TOTAL Deaths</b>                      | 1502        | 1882        | 1868       | 1940        | 2000        | 1816        | 1894       | 1838        | 1689        | 1772        | 1794       | 1886        | 1604        |
| 0—20                                     | 764         | 893         | 860        | 815         | 872         | 849         | 907        | 807         | 763         | 772         | 795        | 811         | 698         |
| 20—40                                    | 171         | 216         | 202        | 257         | 228         | 215         | 210        | 205         | 178         | 199         | 215        | 223         | 201         |
| 40—60                                    | 227         | 324         | 341        | 327         | 386         | 304         | 319        | 293         | 300         | 331         | 313        | 300         | 275         |
| 60—80                                    | 280         | 361         | 379        | 441         | 417         | 366         | 368        | 440         | 353         | 388         | 391        | 465         | 353         |
| at 80 years & upwds.                     | 60          | 88          | 86         | 100         | 97          | 82          | 90         | 93          | 95          | 82          | 80         | 87          | 77          |
| Deaths of children { Under 1 year        | 362         | 458         | 387        | 367         | 403         | 394         | 413        | 394         | 360         | 351         | 371        | 424         | 332         |
| { 1—5                                    | 294         | 325         | 351        | 337         | 349         | 353         | 366        | 310         | 304         | 320         | 302        | 281         | 274         |
| { 5—20                                   | 108         | 110         | 122        | 111         | 120         | 102         | 128        | 103         | 99          | 101         | 122        | 106         | 92          |
| Deaths from Small-pox                    | —           | —           | —          | 1           | —           | —           | —          | —           | 1           | —           | —          | 2           | —           |
| " " Measles                              | 30          | 28          | 25         | 25          | 14          | 16          | 18         | 15          | 14          | 18          | 15         | 21          | 22          |
| " " Scarlet fever                        | 39          | 40          | 37         | 25          | 42          | 29          | 39         | 36          | 30          | 32          | 27         | 29          | 25          |
| " " Diphtheria                           | 24          | 22          | 28         | 16          | 22          | 29          | 29         | 40          | 18          | 30          | 24         | 24          | 22          |
| " " Whooping-cough                       | 104         | 130         | 120        | 152         | 138         | 168         | 177        | 153         | 122         | 127         | 94         | 101         | 92          |
| " " Typhus                               | —           | —           | 1          | —           | —           | —           | —          | —           | —           | —           | —          | —           | 1           |
| " " Enteric fever                        | 15          | 19          | 28         | 22          | 26          | 13          | 26         | 12          | 18          | 16          | 15         | 20          | 10          |
| " " Simple Cont <sup>d</sup> fever       | 1           | —           | 2          | 1           | 1           | 1           | 3          | 1           | —           | —           | —          | —           | 1           |
| " " Diarrhoea and Dysentery              | 8           | 12          | 12         | 11          | 15          | 11          | 15         | 12          | 8           | 8           | 10         | 17          | 10          |
| " " Cholera                              | —           | —           | —          | —           | —           | —           | —          | —           | —           | 1           | —          | —           | —           |
| Deaths from the above-mentioned Diseases | 221         | 251         | 253        | 253         | 258         | 267         | 307        | 269         | 211         | 232         | 185        | 214         | 183         |
| " " Dis. of Respiratory System           | 357         | 442         | 502        | 579         | 591         | 534         | 516        | 504         | 437         | 473         | 438        | 490         | 458         |
| " " Phthisis                             | 129         | 162         | 161        | 187         | 153         | 154         | 159        | 149         | 131         | 170         | 165        | 159         | 140         |
| " " Dis. of Circulatory System           | 133         | 142         | 166        | 160         | 179         | 143         | 154        | 163         | 127         | 134         | 137        | 161         | 137         |
| Violent Deaths                           | 46          | 74          | 65         | 69          | 78          | 59          | 55         | 58          | 39          | 62          | 65         | 51          | 59          |
| Inquest Cases                            | 113         | 165         | 156        | 146         | 155         | 127         | 131        | 119         | 88          | 107         | 149        | 123         | 116         |
| Deaths in Public Institutions            | 316         | 380         | 366        | 436         | 413         | 381         | 388        | 408         | 358         | 405         | 379        | 424         | 355         |
| TEMPERATURE OF THE AIR                   |             |             |            |             |             |             |            |             |             |             |            |             |             |
| Mean                                     | 34·9        | 32·1        | 40·2       | 38·1        | 34·7        | 40·7        | 33·7       | 43·6        | 34·1        | 29·8        | 31·5       | 42·6        | 37·2        |
| Mean of Highest readings                 | 38·0        | 35·4        | 44·8       | 41·4        | 37·5        | 44·6        | 38·8       | 48·4        | 38·1        | 33·9        | 35·9       | 48·8        | 43·2        |
| Mean of Lowest readings                  | 31·1        | 28·0        | 35·4       | 34·3        | 30·7        | 36·8        | 27·6       | 38·9        | 31·1        | 25·9        | 27·5       | 36·9        | 32·7        |
| Humidity of the Air                      | 89          | 79          | 88         | 97          | 86          | 83          | 73         | 83          | 82          | 76          | 76         | 79          | 81          |
| Rain-fall in inches                      | 0·17        | 0·02        | 0·40       | 0·02        | 0·21        | 0·10        | 0·17       | 0·26        | 0·38        | 0·21        | 0·02       | 0·30        | 0·95        |
| Registered Sunshine (in hours)           | 1·9         | 6·2         | 4·1        | 0·0         | 2·5         | 3·0         | 11·1       | 1·8         | 5·6         | 6·0         | 10·4       | 6·5         | 10·8        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and E. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIlainsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the ELEVENTH Week of the Year 1888.

| CAUSES OF DEATH.   | Corrected Averages for the 11th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 17th March 1888. |           |      |       |                  |                  |                  |                       | Corrected Averages for the 11th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 17th March 1888. |           |      |       |                  |                  |                  |                       | Corrected Averages for the 11th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 17th March 1888. |           |      |       |                  |                  |                  |                       |    |    |
|--|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|----|----|
|  |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |                       |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |                       |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |                       |    |    |
|  |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |    |    |
|  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |    |    |
| ALL CAUSES - -   | 1896.0  | 1804  | 332       | 274  | 92    | 201              | 275              | 353              | 77                    | Diseases of Organs of Special Sense † - -                       | 2.3   | 5         | -    | 3     | 1                | -                | -                | 1                     | -   | Diseases of Circulatory System - - - -        | 133.4     | 137  | 1     | 1                | 9                | 20               | 31                    | 61 | 14 |
| Small-pox { Vaccinated † - - - - -<br>Unvaccinated - - - - -<br>No Statement - - - - - | 17.6  | -   | -         | -    | -     | -                | -                | -                | -                     | Croup - - - - -   | 16.2  | 15        | -    | 14    | 1                | -                | -                | -                     | -   | Enteritis - - - - -                           | 6.8       | 6    | 3     | -                | -                | 1                | 1                     | -  | 1  |
| Measles - - - - -  | 48.7  | 22  | 4         | 17   | 1     | -                | -                | -                | -                     | Bronchitis - - - - -  | 352.4   | 266       | 54   | 37    | 4                | 10               | 41               | 99                    | 21  | Peritonitis - - - - -                         | 7.6       | 5    | -     | -                | 2                | 1                | 1                     | -  | -  |
| Scarlet Fever - - - - -  | 24.8  | 25  | 4         | 16   | 4     | 1                | -                | -                | -                     | Pneumonia - - - - -   | 117.7   | 138       | 19   | 40    | 9                | 15               | 83               | 21                    | 1   | Diseases of Liver - - - - -                   | 23.0      | 26   | 3     | -                | -                | 4                | 11                    | 7  | 1  |
| Typhus - - - - -   | 2.0   | 1   | -         | -    | 1     | -                | -                | -                | -                     | Pleurisy - - - - -  | 4.8   | 3         | -    | 1     | -                | -                | -                | -                     | -   | Other Diseases of Digestive System - - - -    | 31.6      | 30   | 4     | 1                | 3                | 4                | 8                     | 9  | 1  |
| Relapsing Fever † - - - - -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - - -                    | 46.0  | 36        | 8    | 6     | -                | 2                | 10               | 10                    | 5   | Dentition † - - - - -                         | 18.1      | 14   | 7     | 7                | -                | -                | -                     | -  | -  |
| Influenza - - - - -  | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Dentition † - - - - -   | 18.1  | 14        | 7    | 7     | -                | -                | -                | -                     | -   | Quinsy, Sore Throat † - - - - -               | 2.1       | 2    | -     | 1                | -                | 1                | -                     | -  | -  |
| Whooping-cough - - - - -   | 83.7  | 92  | 40        | 48   | 4     | -                | -                | -                | -                     | Quinsy, Sore Throat † - - - - -                                 | 2.1   | 2         | -    | 1     | -                | 1                | -                | -                     | -   | Enteritis - - - - -                           | 6.8       | 6    | 3     | -                | -                | 1                | 1                     | -  | 1  |
| Diphtheria - - - - -   | 14.4  | 22  | 1         | 11   | 10    | -                | -                | -                | -                     | Enteritis - - - - -   | 6.8   | 6         | 3    | -     | -                | 1                | 1                | -                     | -   | Peritonitis - - - - -                         | 7.6       | 5    | -     | -                | 2                | 1                | 1                     | -  | -  |
| Simple Continued and Ill-defined Fever - - - -   | 2.7   | 1   | -         | -    | 1     | -                | -                | -                | -                     | Peritonitis - - - - -   | 7.6   | 5         | -    | -     | 2                | 1                | 1                | -                     | -   | Diseases of Liver - - - - -                   | 23.0      | 26   | 3     | -                | -                | 4                | 11                    | 7  | 1  |
| Enteric Fever - - - - -  | 15.0  | 10  | -         | -    | 1     | 1                | 5                | 3                | -                     | Diseases of Liver - - - - -                                     | 23.0  | 26        | 3    | -     | -                | 4                | 11               | 7                     | 1   | Other Diseases of Digestive System - - - -    | 31.6      | 30   | 4     | 1                | 3                | 4                | 8                     | 9  | 1  |
| Cholera - - - - -  | 0.3   | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Digestive System - - - -                      | 31.6  | 30        | 4    | 1     | 3                | 4                | 8                | 9                     | 1   | Dentition † - - - - -                         | 18.1      | 14   | 7     | 7                | -                | -                | -                     | -  | -  |
| Diarrhoea, Dysentery - - - - -   | 15.8  | 10  | 7         | -    | -     | -                | 1                | 2                | -                     | Dentition † - - - - -   | 18.1  | 14        | 7    | 7     | -                | -                | -                | -                     | -   | Quinsy, Sore Throat † - - - - -               | 2.1       | 2    | -     | 1                | -                | 1                | -                     | -  | -  |
| Remittent Fever † - - - - -  | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † - - - - -                                 | 2.1   | 2         | -    | 1     | -                | 1                | -                | -                     | -   | Enteritis - - - - -                           | 6.8       | 6    | 3     | -                | -                | 1                | 1                     | -  | 1  |
| Hydrophobia - - - - -  | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Enteritis - - - - -   | 6.8   | 6         | 3    | -     | -                | 1                | 1                | -                     | -   | Peritonitis - - - - -                         | 7.6       | 5    | -     | -                | 2                | 1                | 1                     | -  | -  |
| Glanders - - - - -   | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Peritonitis - - - - -   | 7.6   | 5         | -    | -     | 2                | 1                | 1                | -                     | -   | Diseases of Liver - - - - -                   | 23.0      | 26   | 3     | -                | -                | 4                | 11                    | 7  | 1  |
| Cowpox and Effects of Vaccination † - - - -  | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Liver - - - - -                                     | 23.0  | 26        | 3    | -     | -                | 4                | 11               | 7                     | 1   | Other Diseases of Digestive System - - - -    | 31.6      | 30   | 4     | 1                | 3                | 4                | 8                     | 9  | 1  |
| Venereal Affections - - - - -  | 13.8  | 10  | 8         | 1    | -     | -                | 1                | -                | -                     | Other Diseases of Digestive System - - - -                      | 31.6  | 30        | 4    | 1     | 3                | 4                | 8                | 9                     | 1   | Dentition † - - - - -                         | 18.1      | 14   | 7     | 7                | -                | -                | -                     | -  | -  |
| Erysipelas - - - - -   | 6.0   | 5   | 1         | -    | -     | -                | 1                | 2                | 1                     | Dentition † - - - - -   | 18.1  | 14        | 7    | 7     | -                | -                | -                | -                     | -   | Quinsy, Sore Throat † - - - - -               | 2.1       | 2    | -     | 1                | -                | 1                | -                     | -  | -  |
| Pyæmia and Septicæmia † - - - - -  | 2.8   | 3   | 1         | -    | -     | 1                | 1                | -                | -                     | Quinsy, Sore Throat † - - - - -                                 | 2.1   | 2         | -    | 1     | -                | 1                | -                | -                     | -   | Enteritis - - - - -                           | 6.8       | 6    | 3     | -                | -                | 1                | 1                     | -  | 1  |
| Puerperal Fever - - - - -  | 5.5   | 12  | -         | -    | -     | 9                | 3                | -                | -                     | Enteritis - - - - -   | 6.8   | 6         | 3    | -     | -                | 1                | 1                | -                     | -   | Peritonitis - - - - -                         | 7.6       | 5    | -     | -                | 2                | 1                | 1                     | -  | -  |
| Other Zymotic Diseases † - - - - -   | 1.1   | 3   | 1         | -    | -     | -                | -                | 2                | -                     | Peritonitis - - - - -   | 7.6   | 5         | -    | -     | 2                | 1                | 1                | -                     | -   | Diseases of Liver - - - - -                   | 23.0      | 26   | 3     | -                | -                | 4                | 11                    | 7  | 1  |
| Thrush - - - - -   | 2.7   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Liver - - - - -                                     | 23.0  | 26        | 3    | -     | -                | 4                | 11               | 7                     | 1   | Other Diseases of Digestive System - - - -    | 31.6      | 30   | 4     | 1                | 3                | 4                | 8                     | 9  | 1  |
| Worms and other Parasitical Diseases - - - -   | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Digestive System - - - -                      | 31.6  | 30        | 4    | 1     | 3                | 4                | 8                | 9                     | 1   | Dentition † - - - - -                         | 18.1      | 14   | 7     | 7                | -                | -                | -                     | -  | -  |
| Starvation, Want of Breast-milk † - - - -  | 0.7   | 1   | 1         | -    | -     | -                | -                | -                | -                     | Dentition † - - - - -   | 18.1  | 14        | 7    | 7     | -                | -                | -                | -                     | -   | Quinsy, Sore Throat † - - - - -               | 2.1       | 2    | -     | 1                | -                | 1                | -                     | -  | -  |
| Alcoholism - - - - -   | 5.2   | 5   | -         | -    | -     | 2                | 2                | 1                | -                     | Quinsy, Sore Throat † - - - - -                                 | 2.1   | 2         | -    | 1     | -                | 1                | -                | -                     | -   | Enteritis - - - - -                           | 6.8       | 6    | 3     | -                | -                | 1                | 1                     | -  | 1  |
| Rheumatic Fever, Rheumatism of Heart† - - - -  | 8.9   | 11  | -         | -    | 5     | 2                | 4                | -                | -                     | Enteritis - - - - -   | 6.8   | 6         | 3    | -     | -                | 1                | 1                | -                     | -   | Peritonitis - - - - -                         | 7.6       | 5    | -     | -                | 2                | 1                | 1                     | -  | -  |
| Rheumatism † - - - - -   | 3.3   | 4   | -         | -    | -     | -                | 3                | 1                | -                     | Peritonitis - - - - -   | 7.6   | 5         | -    | -     | 2                | 1                | 1                | -                     | -   | Diseases of Liver - - - - -                   | 23.0      | 26   | 3     | -                | -                | 4                | 11                    | 7  | 1  |
| Gout - - - - -   | 3.4   | 6   | -         | -    | -     | -                | -                | 6                | -                     | Diseases of Liver - - - - -                                     | 23.0  | 26        | 3    | -     | -                | 4                | 11               | 7                     | 1   | Other Diseases of Digestive System - - - -    | 31.6      | 30   | 4     | 1                | 3                | 4                | 8                     | 9  | 1  |
| Rickets † - - - - -  | 4.2   | 2   | -         | 2    | -     | -                | -                | -                | -                     | Other Diseases of Digestive System - - - -                      | 31.6  | 30        | 4    | 1     | 3                | 4                | 8                | 9                     | 1   | Dentition † - - - - -                         | 18.1      | 14   | 7     | 7                | -                | -                | -                     | -  | -  |
| Cancer - - - - -   | 49.6  | 47  | -         | -    | -     | 3                | 25               | 19               | -                     | Dentition † - - - - -   | 18.1  | 14        | 7    | 7     | -                | -                | -                | -                     | -   | Quinsy, Sore Throat † - - - - -               | 2.1       | 2    | -     | 1                | -                | 1                | -                     | -  | -  |
| Tabes Mesenterica - - - - -  | 24.0  | 23  | 17        | 2    | 3     | 1                | -                | -                | -                     | Quinsy, Sore Throat † - - - - -                                 | 2.1   | 2         | -    | 1     | -                | 1                | -                | -                     | -   | Enteritis - - - - -                           | 6.8       | 6    | 3     | -                | -                | 1                | 1                     | -  | 1  |
| Tubercular Meningitis - - - - -  | 33.0  | 27  | 9         | 16   | 2     | -                | -                | -                | -                     | Enteritis - - - - -   | 6.8   | 6         | 3    | -     | -                | 1                | 1                | -                     | -   | Peritonitis - - - - -                         | 7.6       | 5    | -     | -                | 2                | 1                | 1                     | -  | -  |
| Phthisis - - - - -   | 187.0   | 140   | 1         | 12   | 75    | 45               | 6                | -                | -                     | Peritonitis - - - - -   | 7.6   | 5         | -    | -     | 2                | 1                | 1                | -                     | -   | Diseases of Liver - - - - -                   | 23.0      | 26   | 3     | -                | -                | 4                | 11                    | 7  | 1  |
| Scrofula, Tuberculosis - - - - -   | 15.4  | 15  | 5         | 4    | 2     | 3                | 1                | -                | -                     | Diseases of Liver - - - - -                                     | 23.0  | 26        | 3    | -     | -                | 4                | 11               | 7                     | 1   | Other Diseases of Digestive System - - - -    | 31.6      | 30   | 4     | 1                | 3                | 4                | 8                     | 9  | 1  |
| Other Constitutional Diseases † - - - -  | 9.9   | 12  | -         | -    | 1     | 1                | 4                | 5                | 1                     | Other Diseases of Digestive System - - - -                      | 31.6  | 30        | 4    | 1     | 3                | 4                | 8                | 9                     | 1   | Dentition † - - - - -                         | 18.1      | 14   | 7     | 7                | -                | -                | -                     | -  | -  |
| Premature Birth - - - - -  | 33.9  | 28  | 28        | -    | -     | -                | -                | -                | -                     | Dentition † - - - - -   | 18.1  | 14        | 7    | 7     | -                | -                | -                | -                     | -   | Quinsy, Sore Throat † - - - - -               | 2.1       | 2    | -     | 1                | -                | 1                | -                     | -  | -  |
| Atelectæsis † - - - - -  | 2.5   | 2   | 2         | -    | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † - - - - -                                 | 2.1   | 2         | -    | 1     | -                | 1                | -                | -                     | -   | Enteritis - - - - -                           | 6.8       | 6    | 3     | -                | -                | 1                | 1                     | -  | 1  |
| Congenital Malformations - - - - -   | 7.4   | 10  | 9         | 1    | -     | -                | -                | -                | -                     | Enteritis - - - - -   | 6.8   | 6         | 3    | -     | -                | 1                | 1                | -                     | -   | Peritonitis - - - - -                         | 7.6       | 5    | -     | -                | 2                | 1                | 1                     | -  | -  |
| Old Age - - - - -  | 70.0  | 48  | -         | -    | -     | -                | -                | 28               | 20                    | Peritonitis - - - - -   | 7.6   | 5         | -    | -     | 2                | 1                | 1                | -                     | -   | Diseases of Liver - - - - -                   | 23.0      | 26   | 3     | -                | -                | 4                | 11                    | 7  | 1  |
| Apoplexy - - - - -   | 51.4  | 28  | -         | 1    | -     | 3                | 8                | 12               | 2                     | Diseases of Liver - - - - -                                     | 23.0  | 26        | 3    | -     | -                | 4                | 11               | 7                     | 1   | Other Diseases of Digestive System - - - -    | 31.6      | 30   | 4     | 1                | 3                | 4                | 8                     | 9  | 1  |
| Epilepsy - - - - -   | 7.3   | 6   | -         | 1    | -     | 1                | 1                | 2                | 1                     | Other Diseases of Digestive System - - - -                      | 31.6  | 30        | 4    | 1     | 3                | 4                | 8                | 9                     | 1   | Dentition † - - - - -                         | 18.1      | 14   | 7     | 7                | -                | -                | -                     | -  | -  |
| Convulsions - - - - -  | 53.8  | 38  | 29        | 8    | 1     | -                | -                | -                | -                     | Dentition † - - - - -   | 18.1  | 14        | 7    | 7     | -                | -                | -                | -                     | -   | Quinsy, Sore Throat † - - - - -               | 2.1       | 2    | -     | 1                | -                | 1                | -                     | -  | -  |
| Other Diseases of Brain and Nervous System - - - -                                     | 104.6   | 68  | 15        | 20   | 6     | 9                | 9                | 27               | 2                     | Quinsy, Sore Throat † - - - - -                                 | 2.1   | 2         | -    | 1     | -                | 1                | -                | -                     | -   | Enteritis - - - - -                           | 6.8       | 6    | 3     | -                | -                | 1                | 1                     | -  | 1  |
| CAUSES OF DEATH.   |   |   |           |      |       |                  |                  |                  |                       | CAUSES OF DEATH.  |   |           |      |       |                  |                  |                  |                       |   | CAUSES OF DEATH.                              |           |      |       |                  |                  |                  |                       |    |    |
| Diseases of Organs of Special Sense † - -  | 2.3   | 5   | -         | 3    | 1     | -                | -                | 1                | -                     | Diseases of Organs of Special Sense † - -                       | 2.3   | 5         | -    | 3     | 1                | -                | -                | 1                     | -   | Diseases of Organs of Special Sense † - -     | 2.3       | 5    | -     | 3                | 1                | -                | -                     | 1  | -  |
| Diseases of Circulatory System - - - -   | 133.4   | 137   | 1         | 1    | 9     | 20               | 31               | 61               | 14                    | Diseases of Circulatory System - - - -                          | 133.4   | 137       | 1    | 1     | 9                | 20               | 31               | 61                    | 14  | Diseases of Circulatory System - - - -        | 133.4     | 137  | 1     | 1                | 9                | 20               | 31                    | 61 | 14 |
| Croup - - - - -  | 16.2  | 15  | -         | 14   | 1     | -                | -                | -                | -                     | Croup - - - - -   | 16.2  | 15        | -    | 14    | 1                | -                | -                | -                     | -   | Croup - - - - -                               | 16.2      | 15   | -     | 14               | 1                | -                | -                     | -  | -  |
| Bronchitis - - - - -   | 352.4   | 266   | 54        | 37   | 4     | 10               | 41               | 99               | 21                    | Bronchitis - - - - -  | 352.4   | 266       | 54   | 37    | 4                | 10               | 41               | 99                    | 21  | Bronchitis - - - - -                          | 352.4     | 266  | 54    | 37               | 4                | 10               | 41                    | 99 | 21 |
| Pneumonia - - - - -  | 117.7   | 138   | 19        | 40   | 9     | 15               | 83               | 21               | 1                     | Pneumonia - - - - -   | 117.7   | 138       | 19   | 40    | 9                | 15               | 83               | 21                    | 1   | Pneumonia - - - - -                           | 117.7     | 138  | 19    | 40               | 9                | 15               | 83                    | 21 | 1  |
| Pleurisy - - - - -   | 4.8   | 3   | -         | 1    | -     | 1                | 1                | -                | -                     | Pleurisy - - - - -  | 4.8   | 3         | -    | 1     | -                | 1                | 1                | -                     | -   | Pleurisy - - - - -                            | 4.8       | 3    | -     | 1                | -                | 1                | 1                     | -  | -  |
| Other Diseases of Respiratory System - - - -   | 46.0  | 36  | 8         | 6    | -     | 2                | 10               | 10               | 5                     | Other Diseases of Respiratory System - - - -                    | 46.0  | 36        | 8    | 6     | -                | 2                | 10               | 10                    | 5   | Other Diseases of Respiratory System - - - -  | 46.0      | 36   | 8     | 6                | -                | 2                | 10</                  |    |    |



TABLE 8. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| The DEATHS registered in the Week include                                   |  |  |  |  |   |                                     |            |          |                |             |                 |         |                                      |                              |            |           |           |                                   |                                 |
|---|--|--|--|--|---|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------------|------------------------------|------------|-----------|-----------|-----------------------------------|---------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths of<br>Infants under<br>1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas<br>(or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Injuries. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| LONDON . . . . .  |  | 3,815,704                                    | 2629                                   | 1604                                   | 382   | 430                                 | -          | 22       | 25             | 22          | 92              | 1       | 10                                   | 1                            | 10         | 59        | 116       | 355                               | 11                              |
| WEST DISTRICTS . . . . .  |  | 669,693                                      | 408                                    | 275                                    | 51  | 87                                  | -          | 2        | 2              | 6           | 20              | -       | 4                                    | -                            | 2          | 8         | 11        | 68                                | 2                               |
| NORTH DISTRICTS . . . . .   |  | 905,947                                      | 590                                    | 332                                    | 68  | 90                                  | -          | 9        | 4              | 4           | 19              | -       | 2                                    | 1                            | 2          | 16        | 35        | 68                                | 2                               |
| CENTRAL DISTRICTS . . . . .   |  | 282,238                                      | 175                                    | 125                                    | 32  | 23                                  | -          | 1        | 1              | 1           | 4               | -       | 2                                    | -                            | 1          | 5         | 10        | 42                                | 2                               |
| EAST DISTRICTS . . . . .  |  | 692,738                                      | 509                                    | 320                                    | 76  | 80                                  | -          | 4        | 6              | 2           | 16              | -       | 1                                    | -                            | 1          | 15        | 30        | 84                                | 2                               |
| SOUTH DISTRICTS . . . . .   |  | 1,365,148                                    | 947                                    | 552                                    | 107   | 150                                 | -          | 6        | 12             | 9           | 33              | 1       | 1                                    | -                            | 4          | 15        | 30        | 95                                | 8                               |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                      | -                                      | -   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| WEST DISTRICTS.   |  |  |  |  |   |                                     |            |          |                |             |                 |         |                                      |                              |            |           |           |                                   |                                 |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69888  | 54                                     | 38                                     | 7   | 13                                  | -          | 1        | -              | 3           | 4               | -       | -                                    | -                            | 1          | 1         | 2         | 10                                | -                               |
| St. John Paddington H - - G.J.  |  | 37380  | 15                                     | 15                                     | 1   | 6                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                            | -          | -         | 1         | 15                                | -                               |
| Kensington Town Ww - - W.M.   |  | 120141                                       | 76                                     | 41                                     | 18  | 15                                  | -          | -        | -              | -           | 1               | -       | -                                    | -                            | -          | -         | -         | 1                                 | 1                               |
| Brompton HH - - W.M. & C.   |  | 43010  | 10                                     | 10                                     | 2   | 3                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| St. Peter Hammersmith - - W.M.  |  | 7399   | 7                                      | 1                                      | -   | 1                                   | -          | -        | -              | -           | 3               | -       | 2                                    | -                            | 1          | 1         | 1         | 2                                 | -                               |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 40                                     | 28                                     | 9   | 5                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | 4                                 | -                               |
| Fulham Ww - - W.M. & C.   |  | 42900  | 60                                     | 27                                     | 4   | 8                                   | -          | 1        | 2              | 1           | 3               | -       | -                                    | -                            | 2          | 2         | 4         | -                                 | -                               |
| Chelsea South HHH - - C.  |  | 30396  | 21                                     | 14                                     | 4   | 4                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | 1          | 1         | 6         | -                                 | -                               |
| Chelsea North-west WHHHH C.   |  | 24925  | 10                                     | 19                                     | 1   | 10                                  | -          | -        | -              | -           | 1               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Chelsea North-east - - C.   |  | 32807  | 25                                     | 13                                     | 7   | -                                   | -          | -        | -              | -           | 4               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| May Fair WW - - G.J.  |  | 30353  | 8                                      | 10                                     | -   | 4                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 1         | 4                                 | 1                               |
| Belgrave WHHH - - C.  |  | 59220  | 33                                     | 26                                     | 4   | 8                                   | -          | -        | -              | 1           | 1               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| St. John Westminster HHH - - C.   |  | 35498  | 21                                     | 8                                      | 1   | 2                                   | -          | -        | -              | 1           | 1               | -       | -                                    | -                            | -          | 2         | 2         | 3                                 | -                               |
| St. Margaret Westminster H - - C.   |  | 24879  | 7                                      | 9                                      | -   | 3                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 1         | 3                                 | -                               |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941  | 15                                     | 13                                     | 2   | 5                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                            | -          | -         | -         | 1                                 | -                               |
| St. Anne Soho HHHHHH - N.R.   |  | 16808  | 6                                      | 3                                      | 1   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| NORTH DISTRICTS.  |  |  |  |  |   |                                     |            |          |                |             |                 |         |                                      |                              |            |           |           |                                   |                                 |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 11                                     | 7                                      | -   | 3                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                            | -          | -         | 1         | 5                                 | -                               |
| Cavendish Square HHHH - W.M.  |  | 14891  | 4                                      | 3                                      | -   | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | 1                                 | -                               |
| Rectory Marylebone WH G.J. & W.M.   |  | 24909  | 10                                     | 6                                      | 3   | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 3         | -                                 | -                               |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 27                                     | 17                                     | 1   | 3                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Christchurch Marylebone H - W.M.  |  | 33700  | 16                                     | 12                                     | 1   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| St. John Marylebone H - W.M.  |  | 33638  | 14                                     | 6                                      | -   | 3                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Hampstead WwHHHH N.R. & W.M.  |  | 45452  | 31                                     | 9                                      | 2   | 2                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                            | -          | -         | 1         | 1                                 | -                               |
| Regent's Park Pancras H - W.M.  |  | 59115  | 30                                     | 6                                      | 1   | 2                                   | -          | 1        | -              | -           | 1               | -       | -                                    | -                            | -          | 1         | 2         | 9                                 | -                               |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 12                                     | 13                                     | 1   | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | 1          | 4         | 5         | 8                                 | -                               |
| Gray's Inn Lane HHH - N.R.  |  | 30247  | 15                                     | 17                                     | 2   | -                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Somers Town H - N.R.  |  | 34369  | 38                                     | 10                                     | 2   | 5                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Camden Town WH - N.R.   |  | 17811  | 11                                     | 12                                     | 1   | 5                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 2         | 10                                | -                               |
| Kentish Town W - N.R.   |  | 67487  | 48                                     | 28                                     | 3   | 6                                   | -          | -        | -              | -           | 3               | -       | -                                    | -                            | -          | -         | -         | 3                                 | -                               |
| Upper Holloway WWwH - N.R.  |  | 67946  | 55                                     | 46                                     | 10  | 15                                  | -          | -        | -              | -           | 2               | -       | -                                    | -                            | -          | 4         | 5         | 17                                | -                               |
| Islington South-west HH - N.R.  |  | 10076  | 72                                     | 32                                     | 9   | 6                                   | -          | -        | -              | 1           | 3               | -       | -                                    | 1                            | -          | 1         | 3         | -                                 | -                               |
| Islington South-east - - N.R.   |  | 61895  | 42                                     | 22                                     | 4   | 10                                  | -          | -        | -              | -           | 1               | -       | -                                    | -                            | -          | 1         | 2         | -                                 | -                               |
| Highbury H - N.R.   |  | 52048  | 23                                     | 13                                     | 4   | 4                                   | -          | -        | -              | -           | 2               | -       | -                                    | -                            | -          | -         | 1         | -                                 | -                               |
| Stoke Newington H - N.R.  |  | 29731  | 13                                     | 9                                      | 2   | 4                                   | -          | -        | -              | -           | 2               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Stamford Hill - - E.L.  |  | 2977   | 5                                      | 5                                      | 3   | -                                   | -          | 2        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| West Hackney - - N.R.   |  | 37610  | 24                                     | 13                                     | 3   | 2                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Hackney WwvwH - - E.L. & N.R.   |  | 76911  | 55                                     | 40                                     | 8   | 11                                  | -          | 5        | 4              | -           | -               | -       | 1                                    | -                            | -          | 1         | 2         | 3                                 | 14                              |
| South Hackney - - E.L.  |  | 39883  | 31                                     | 16                                     | 5   | 5                                   | -          | 1        | -              | 1           | 2               | -       | -                                    | -                            | -          | 1         | 1         | -                                 | -                               |
| CENTRAL DISTRICTS.  |  |  |  |  |   |                                     |            |          |                |             |                 |         |                                      |                              |            |           |           |                                   |                                 |
| St. George Bloomsbury - - N.R.  |  | 14661  | 9                                      | 4                                      | 1   | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| St. Giles South WH - - N.R.   |  | 14884  | 6                                      | 8                                      | 1   | 2                                   | -          | -        | 1              | -           | -               | -       | -                                    | -                            | -          | -         | -         | 4                                 | -                               |
| St. Giles North - - N.R.  |  | 13837  | 7                                      | 2                                      | -   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 8                                      | 3                                      | -   | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 1         | 2                                 | -                               |
| St. Mary-le-Strand H - - N.R.   |  | 7515   | 3                                      | 4                                      | -   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 1         | 6                                 | 1                               |
| St. Clement Danes H - - N.R.  |  | 8559   | 4                                      | 1                                      | -   | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | 1                                 | -                               |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                      | -                                      | -   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18671  | 11                                     | 11                                     | 1   | 1                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                            | -          | -         | -         | 6                                 | -                               |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 8                                      | 11                                     | 4   | 3                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 2         | 3                                 | -                               |
| Saffron Hill H - - N.R.   |  | 6583   | 5                                      | 1                                      | 1   | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| St. James Clerkenwell - - N.R.  |  | 17516  | 21                                     | 10                                     | 9   | 1                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                            | -          | 2         | 2         | -                                 | 1                               |
| Amwell Clerkenwell - - N.R.   |  | 19281  | 17                                     | 6                                      | 1   | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 1         | -                                 | -                               |
| Pentonville - - N.R.  |  | 14773  | 10                                     | 3                                      | 1   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Gooswell-street - - N.R.  |  | 17506  | 10                                     | 5                                      | 4   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Old-street H - - N.R.   |  | 11541  | 13                                     | 4                                      | 3   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| City-road HHL - - N.R.  |  | 18628  | 14                                     | 6                                      | 2   | 3                                   | -          | -        | 1              | -           | -               | -       | -                                    | -                            | -          | -         | 1         | 1                                 | -                               |
| Whitcross-street - - N.R.   |  | 9217   | 7                                      | 6                                      | 3   | 1                                   | -          | -        | -              | -           | 2               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Finsbury - - N.R.   |  | 7463   | 5                                      | 1                                      | -   | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | 2                                 | -                               |
| Holborn Union Workhouse, Mitcham, w.  |  | -  | -                                      | 2                                      | -   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| St. Botolph H - - N.R. & E.L.   |  | 11174  | 5                                      | 2                                      | -   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Cripplegate - - N.R.  |  | 7193   | 2                                      | 3                                      | 1   | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| St. Sepulchre H - - N.R.  |  | 5893   | 1                                      | 17                                     | -   | 1                                   | -          | -        | -              | -           | 1               | -       | 2                                    | -                            | -          | -         | -         | 17                                | -                               |
| St. Bride W - - N.R.  |  | 3396   | 1                                      | 7                                      | 3   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Allhallows Barking - - N.R.   |  | 13866  | 2                                      | -                                      | -   | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |
| Broad Street H - - N.R.   |  | 6652   | -                                      | -                                      | -   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -         | -                                 | -                               |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at end of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
unday, the 17th March, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |                |                                   |                                 |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                |  |  |  |  | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |  |  |  |  | Infants under<br>1<br>Year of Age.        | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. |                |                                   |                                 | Violence. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EAST DISTRICTS.                |  |  |  |  |   |                                     |             |          |                |             |                 |         |                                |                              |            |                |                                   |                                 |           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:-

Marylebone Infirmary in Kensington Town sub-district.  
Central London Sick Asylum in Tottenham Court-road sub-district.  
Holborn Infirmary in Upper Holloway sub-district.  
London City Workhouse in Hackney sub-district.  
Holborn " in Hoxton New Town sub-district.  
Whitechapel " in Mile End Old Town Eastern sub-dist.  
London City " in Mile End Old Town Eastern sub-dist.  
" " in Bromley sub-district.

\* Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum " " "  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 17th March, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.          | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |                         |  |
|---|---|--|--|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|-------------------------|--|
|   |   |  |  |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |                         |  |
|   |   |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Un-<br>certified Causes |  |
| LONDON—OUTER RING   |   | 370,924  | 950,957                                      | 805     | 427     | 83  | 124                                 | -           | 6        | 7              | 6           | 30              | 4      | 5          | 11        | 21             | 51                                | 7                       |  |
| 30:1  | Carshalton <i>wL</i> -                  | 12228  | 21118  | 14      | 14      | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 8                       |  |
| 2   | Epsom ( <i>part of</i> )* <i>WwH</i>    | 9971   | 10710  | 3       | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 37:1  | Godstone ( <i>part of</i> )* -          | 2764   | 1235   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 38:1  | Croydon <i>WwHHL</i> -                  | 20851  | 101241                                       | 62      | 31      | 5   | 8                                   | -           | -        | 1              | -           | -               | -      | 1          | -         | -              | -                                 | 3                       |  |
| 2   | Mitcham <i>w†</i> -                     | 11697  | 17932  | 15      | 5       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1                       |  |
| 39:1  | Wimbledon <i>HHH</i> -                  | 3220   | 15950  | 14      | 6       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1                       |  |
| 2   | Kingston <i>WHH</i> -                   | 8549   | 38354  | 22      | 14      | 5   | 4                                   | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | -                                 | -                       |  |
| 3   | Esher ( <i>part of</i> )* -             | 6601   | 9221   | 7       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 4   | Hampton <i>H</i> -                      | 4573   | 13539  | 13      | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 40:1  | Richmond <i>WH</i> -                    | 2272   | 21302  | 12      | 7       | 2   | -                                   | -           | 1        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 | -                       |  |
| 2   | Mortlake -                              | 2941   | 12331  | 14      | 7       | 2   | 1                                   | -           | 1        | -              | -           | 1               | -      | 1          | 1         | 2              | -                                 | -                       |  |
| 41:1  | Bromley ( <i>pt. of</i> )* <i>HH</i>    | 15669  | 31142  | 15      | 4       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                       |  |
| 2   | Chislehurst( <i>pt.of</i> )* <i>WHH</i> | 14307  | 15344  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 42:1  | Bexley <i>H</i> -                       | 18437  | 24134  | 17      | 10      | 3   | 3                                   | -           | -        | -              | -           | 2               | -      | -          | -         | 1              | -                                 | -                       |  |
| 124:1   | Sunbury <i>w</i> -                      | 11055  | 11685  | 2       | 2       | -   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                       |  |
| 2   | Staines <i>W</i> -                      | 13277  | 12099  | 11      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                       |  |
| 125:1   | Hillingdon <i>WHH</i> -                 | 6029   | 10802  | 6       | 6       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                       |  |
| 2   | Uxbridge -                              | 6178   | 3225   | 3       | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 3   | Hayes <i>wHL</i> -                      | 14587  | 11523  | 6       | 9       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 4                                 | -                       |  |
| 126:1   | Isleworth <i>WHH</i> -                  | 7008   | 22727  | 16      | 14      | 3   | 6                                   | -           | -        | 1              | -           | 2               | -      | -          | -         | -              | 3                                 | -                       |  |
| 2   | Twickenham <i>H</i> -                   | 2477   | 12479  | 12      | 5       | 1   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                       |  |
| 3   | Brentford <i>HL</i> -                   | 4345   | 27649  | 25      | 7       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 1                                 | -                       |  |
| 4   | Chiswick -                              | 1340   | 18975  | 15      | 4       | -   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                       |  |
| 5   | Acton <i>wH</i> -                       | 6083   | 22376  | 14      | 13      | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                       |  |
| 127:1   | Harrow <i>H</i> -                       | 13809  | 12796  | 8       | 7       | -   | 4                                   | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | -                                 | -                       |  |
| 2   | Edgware <i>H</i> -                      | 6094   | 3749   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 3   | Willesden -                             | 4383   | 27453  | 32      | 27      | 8   | 4                                   | -           | 2        | 9              | -           | 3               | -      | -          | -         | 1              | -                                 | -                       |  |
| 4   | Hendon <i>W</i> -                       | 8382   | 10434  | 14      | 11      | -   | 4                                   | -           | -        | -              | 2           | -               | -      | -          | -         | -              | 2                                 | -                       |  |
| 128:1   | South Mimms -                           | 15599  | 6391   | 3       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                       |  |
| 2   | Barnet -                                | 5433   | 10092  | 3       | 7       | 1   | 4                                   | -           | -        | -              | -           | 2               | -      | -          | 1         | 1              | 3                                 | -                       |  |
| 3   | Finchley <i>HL</i> -                    | 4688   | 17615  | 14      | 19      | 2   | 11                                  | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 10                                | -                       |  |
| 129:1   | Hornsey <i>H</i> -                      | 3039   | 37078  | 32      | 9       | 3   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | 1         | 1              | -                                 | -                       |  |
| 2   | Tottenham <i>H</i> -                    | 4642   | 46456  | 68      | 33      | 5   | 9                                   | -           | -        | -              | 1           | 5               | -      | -          | 1         | 1              | 2                                 | 1                       |  |
| 3   | Edmonton <i>Ww†</i>                     | 7483   | 23463  | 27      | 14      | 2   | 8                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | 4                                 | -                       |  |
| 4   | Enfield <i>WH</i> -                     | 12653  | 19104  | 9       | 10      | 5   | 1                                   | -           | -        | 1              | 1           | -               | 1      | -          | -         | -              | -                                 | 1                       |  |
| 5   | Waltham Abbey -                         | 11017  | 8368   | 4       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 6   | Cheshunt -                              | 8480   | 7735   | 10      | 2       | -   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 135:1   | Hatfield ( <i>part of</i> )* -          | 3306   | 583  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 137:1   | Bushey -                                | 9931   | 6621   | 7       | 4       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 136:1   | Stratford -                             | 882  | 33606  | 36      | 12      | 4   | 1                                   | -           | -        | -              | -           | 1               | 1      | -          | 1         | 1              | -                                 | -                       |  |
| 2   | West Ham <i>wvwh†§</i>                  | 7351   | 101053                                       | 185     | 41      | 8   | 9                                   | -           | -        | 1              | 2           | 4               | -      | 2          | 1         | 3              | 1                                 | 3                       |  |
| 3   | Leyton <i>WwL</i> -                     | 4372   | 32430  | 26      | 21      | 2   | 8                                   | -           | -        | -              | -           | -               | 1      | -          | -         | 1              | 7                                 | -                       |  |
| 4   | Walthamstow <i>H</i> -                  | 6520   | 25869  | 34      | 17      | 3   | 6                                   | -           | 1        | -              | -           | 2               | -      | -          | -         | 1              | -                                 | -                       |  |
| 137:1   | Chigwell ( <i>part of</i> )* <i>H</i>   | 11761  | 9639   | 7       | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 139:1   | Romford ( <i>part of</i> )* -           | 6730   | 3411   | 3       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                       |  |
| 2   | Ilford -                                | 8493   | 7645   | 3       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -              | -                                 | -                       |  |
| 3   | Barking Town -                          | 4127   | 9203   | 10      | 3       | -   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                       |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30:2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1235); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district.  
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).  
 ‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winesham Hill (see Table 5).  
 § Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 17th March, 1888.

| THE GREATER LONDON. | Area in Acres, including tidal water and foreshore. | Estimated Population, middle of 1888. | ANNUAL RATE of MORTALITY per 1000 living. |                              | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |        |            |           |                                |  |  |
|---------------------|---|---------------------------------------|---|------------------------------|-------------------------|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|--------------------------------|--|--|
|                     |   |                                       |   |                              |                         | Deaths of                                 |                                    | Deaths from |          |                |             |                 |        |            |           |                                |  |  |
|                     |   |                                       | From All Causes.                          | From Diseases in Cols. 8-14. |                         | Infants under 1 Year of Age.              | Persons aged 60 Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Deaths in Public Institutions. |  |  |
| Cols.               | 1.  | 2.                                    | 3.  | 4.                           | 5.                      | 6.  | 7.                                 | 8.          | 9.       | 10.            | 11.         | 12.             | 13.    | 14.        | 15.       | 16                             |  |  |
| GREATER LONDON      | 448,334   | 5,527,886                             | 19·2                                      | 2·3                          | 2031                    | 415                                       | 554                                | -           | 28       | 32             | 28          | 122             | 16     | 15         | 70        | 406                            |  |  |
| INNER LONDON -      | 77,410  | 4,282,921                             | 19·5                                      | 2·2                          | 1604                    | 332                                       | 430                                | -           | 22       | 25             | 22          | 92              | 12     | 10         | 50        | 355                            |  |  |
| OUTER RING -        | 370,924   | 1,244,965                             | 17·9                                      | 2·4                          | 427                     | 83  | 124                                | -           | 6        | 7              | 6           | 30              | 4      | 5          | 11        | 51                             |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 652 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,137 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. Stillborn. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                      |
|----------------------------------|---------------------------------------|-----------------------------|---------------------------------|--------------------|------------------------------------|---|
| CALCUTTA - -                     | 453,219                               | February 11                 | -                               | 235                | 28·3                               | Cholera 31; fevers 57.                              |
| BOMBAY - -                       | 773,196                               | " 21                        | 301                             | 373                | 22·0                               | Small-pox 21; fevers 108.                           |
| MADRAS - -                       | 398,777                               | " 10                        | 281                             | 338                | 44·2                               | Fevers 65; cholera 10; diarrhoeal diseases 66.      |
| PARIS - - -                      | 2,260,945                             | March 10                    | 1336                            | 1253               | 29·1                               | Typh. fev. 14; sm.-pox 11; diph. and croup 34.      |
| BRUSSELS - - (with 8 Faubourgs.) | 454,410                               | " 10                        | -                               | -                  | -                                  | -   |
| AMSTERDAM -                      | 389,916                               | " 10                        | 277                             | 213                | 28·4                               | Whooping-cough 10; diphtheria 8.                    |
| ROTTERDAM -                      | 193,660                               | " 10                        | 131                             | 115                | 30·2                               | Whooping-cough 3.                                   |
| THE HAGUE -                      | 149,410                               | " 10                        | 131                             | 85                 | 29·6                               | Wh.-cough 1; croup 2.                               |
| COPENHAGEN -                     | 300,000                               | " 6                         | -                               | -                  | -                                  | -   |
| STOCKHOLM -                      | 216,807                               | " 3                         | 157                             | 104                | 24·9                               | Scarlet fever 3; diph. and croup 3.                 |
| CHRISTIANIA -                    | 134,000                               | " 10                        | 66                              | 63                 | 23·9                               | Diph. and croup 7.                                  |
| ST. PETERSBURG                   | 928,016                               | " 3                         | -                               | 610                | 34·3                               | Typhus & typhd. fev. 13; scar. fev. 15; diph. 16.   |
| BERLIN - -                       | 1,413,603                             | February 25                 | 861                             | 489                | 18·0                               | Diphtheria 18; whooping-cough 7.                    |
| HAMBURG (State)                  | 529,091                               | March 3                     | 386                             | 253                | 25·0                               | Measles 12; typh. & typhd. fev. 6; diph. & croup 9. |
| DRESDEN - -                      | 259,142                               | February 25                 | 172                             | 84                 | 16·9                               | Diphtheria and croup 2.                             |
| BRESLAU - -                      | 308,105                               | March 3                     | 199                             | 165                | 28·3                               | Diphtheria 12.                                      |
| MUNICH - -                       | 275,000                               | " 3                         | 188                             | 154                | 29·1                               | Diphtheria and croup 6; diarrhoeal diseases 29.     |
| VIENNA - -                       | 800,836                               | " 3                         | 552                             | 414                | 26·9                               | Diphtheria 6; meas. 4; scarlet fever 3.             |
| PRAGUE - -                       | 295,857                               | " 10                        | -                               | 190                | 33·5                               | Small-pox 25; diph. 7; typhus and typhd. fev. 7.    |
| BUDA-PESTH -                     | 442,787                               | " 3                         | 319                             | 278                | 32·6                               | Diphtheria 7; measles 6.                            |
| TRIESTE - -                      | 156,042                               | " 3                         | -                               | 119                | 39·7                               | Small-pox 7; diph. and croup 3.                     |
| ROME - -                         | 382,973                               | February 4                  | 274                             | 279                | 38·0                               | Typhd. fev. 3; mal. fev. 9; small-pox 2.            |
| TURIN (10 days)-                 | 294,826                               | " 10                        | 211                             | 271                | 33·6                               | Diph. 5; typh. fever 3; scar. fev. 3.               |
| VENICE - -                       | 150,502                               | March 3                     | 81                              | 79                 | 27·4                               | Typhd. fev. 1; measles 1.                           |
| CAIRO - -                        | 374,838                               | February 23                 | 447                             | 221                | 30·8                               | Typh. fev. 8; diarrhoeal diseases 74.               |
| ALEXANDRIA -                     | 231,396                               | " 23                        | 220                             | 178                | 40·1                               | Diarrhoeal diseases 32.                             |
| NEW YORK -                       | 1,493,000                             | " 25                        | -                               | 836                | 29·2                               | Diph. 38; scar. fev. 27.                            |
| BROOKLYN -                       | 774,870                               | " 25                        | -                               | 330                | 22·2                               | Diph. 23; scar. fev. 16.                            |
| PHILADELPHIA -                   | 1,016,758                             | " 25                        | -                               | 382                | 19·6                               | Typhd. fev. 0; scar. fev. 6.                        |
| BALTIMORE -                      | 437,155                               | " 25                        | -                               | 172                | 20·5                               | Wh.-cough 8; measles 9.                             |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 17TH MARCH, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  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The height of the column of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the maximum (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.30 in. at the beginning of the week to 28.60 in. by 9h. P.M. on the 17th, increased to 29.21 in. by noon on the 18th, and decreased to 28.94 in. by 9h. P.M. on the 19th.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationery Office,  
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No. 12, 1888. VOL. XLIX.] WEEK ENDING SATURDAY, MARCH 24. [Price 1½d.

General Register Office, Somerset House,  
26th March, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·1 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.             | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|--------------------|--------------|-------------|-------------|-------------|
|              | Mar.<br>3.   | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. |                    | Mar.<br>3.   | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. |
| Birkenhead   | 18·2         | 22·4        | 20·9        | 24·0        | Liverpool -        | 23·5         | 27·1        | 20·1        | 22·4        |
| Birmingham   | 18·9         | 22·1        | 16·5        | 18·9        | London -           | 21·9         | 23·0        | 19·5        | 20·2        |
| Blackburn -  | 34·2         | 30·7        | 31·6        | 28·1        | Manchester -       | 25·7         | 31·3        | 24·7        | 30·4        |
| Bolton -     | 17·5         | 18·9        | 24·4        | 23·0        | Newcastle-on-Tyne* | 22·6         | 18·1        | 20·0        | 22·0        |
| Bradford* -  | 14·3         | 17·7        | 22·7        | 18·4        | Norwich -          | 20·1         | 29·5        | 26·2        | 20·1        |
| Brighton     | 17·8         | 16·5        | 20·4        | 19·6        | Nottingham*        | 20·1         | 20·3        | 19·4        | 21·7        |
| Bristol -    | 19·4         | 18·9        | 21·7        | 18·4        | Oldham -           | 24·2         | 27·9        | 21·5        | 21·1        |
| Cardiff*     | 25·5         | 28·4        | 27·4        | 15·4        | Plymouth -         | 21·5         | 28·2        | 26·9        | 37·6        |
| Derby -      | 25·5         | 15·2        | 17·9        | 23·8        | Portsmouth -       | 23·2         | 25·4        | 20·2        | 19·4        |
| Halifax      | 23·4         | 15·0        | 24·1        | 16·3        | Preston -          | 25·3         | 22·2        | 27·8        | 26·3        |
| Huddersfield | 16·0         | 18·8        | 18·8        | 14·8        | Salford*           | 18·0         | 25·8        | 22·1        | 21·2        |
| Hull -       | 19·3         | 20·4        | 15·5        | 16·8        | Sheffield -        | 21·7         | 25·5        | 21·2        | 22·7        |
| Leeds        | 19·9         | 22·6        | 19·3        | 21·5        | Sunderland -       | 13·4         | 17·4        | 22·2        | 19·4        |
| Leicester* - | 24·2         | 26·3        | 12·8        | 23·8        | Wolverhampton -    | 22·3         | 24·9        | 16·0        | 19·8        |

The highest annual death-rates from *measles*, measured by last week's mortality, were 0·9 in Bradford and 6·7 in Plymouth; from *scarlet fever*, 0·8 in Oldham and 1·1 in Huddersfield; from *whooping-cough*, 1·0 in London and 1·3 in Wolverhampton; and from "*fever*," 0·5 in Nottingham and 1·1 in Leicester. The 30 deaths from *diphtheria* in the twenty-eight towns included 17 in London, 2 in Norwich, 2 in Birmingham, and 2 in Oldham. *Small-pox* caused 17 deaths in Sheffield, 2 in Blackburn, 2 in Hull, one in Bristol, one in Nottingham, one in Manchester, and one in Sunderland, but not one in London or in any of the twenty other large provincial towns.

## LONDON.

In LONDON† 2522 BIRTHS and 1655 DEATHS were registered. Allowing for increase of population, the births were 341, and the deaths 273, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 23·0 and 19·5 in the two preceding weeks, rose again last week to 20·2. During the first twelve weeks of the current quarter the death-rate averaged 22·1 per 1000, and was 1·6 below the mean rate in the corresponding periods of the ten years 1878-87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonston, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1655 deaths included 18 from measles, 24 from scarlet fever, 17 from diphtheria, 80 from whooping-cough, one from typhus, 10 from enteric fever, 6 from diarrhoea and dysentery, and not one from small-pox, ill-defined forms of continued fever, or cholera; thus, 156 deaths were referred to these diseases, being 83 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 17. There were 15 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last, and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 15, 21, and 22 in the three preceding weeks, declined again last week to 18, and were 30 below the corrected average. The deaths from *scarlet fever* also showed a decline, from 29 and 25 in the two previous weeks, to 24, which were 2 below the corrected average; 2 belonged to Marylebone, 2 to Hackney, 2 to Mile End Old Town, 3 to Poplar, 3 to Bermondsey, 2 to Camberwell, and 2 to Greenwich sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1107 scarlet fever patients (there were also 80 in the London Fever Hospital), against numbers declining in the sixteen preceding weeks from 2600 to 1160; 77 cases were admitted to the Metropolitan Asylum Hospitals during the week, against 100 and 94 in the two preceding weeks. The 17 deaths from *diphtheria* showed a further decline from recent weekly numbers, but were 3 above the corrected average; 2 belonged to Pancras, 3 to Hackney, 2 to Lambeth, and 2 to Camberwell sanitary areas. The fatal cases of *whooping-cough*, which had declined in the preceding seven weeks from 177 to 92, further fell last week to 80, and were 19 below the corrected average; 7 belonged to Pancras, 5 to Islington, 7 to Bethnal Green, 7 to Poplar, 8 to Lambeth, and 12 to Wandsworth, sanitary areas. The 6 deaths attributed to *diarrhoea* were fewer than in any recent week, and 9 below the corrected average.

The deaths referred to *enteric fever*, which had been 20 and 10 in the two preceding weeks, were again 10 last week, and were 7 below the corrected average; 3 belonged to Paddington sanitary area. The fatal case of *typhus* was of a marine store dealer's assistant, aged 20 years, at 275, Tabard Street, St. George Southwark sanitary area. The Metropolitan Asylum Hospitals contained 133 cases of enteric fever, and not one of typhus, on Saturday last; 13 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 490 and 459 in the two preceding weeks, further declined last week to 457, and were 78 below the corrected average.

Different forms of violence caused 64 deaths; 60 were the result of negligence or accident, among which were 28 from fractures and contusions, 8 from burns and scalds, 3 from drowning, and 18 of infants under one year of age from suffocation. The 28 deaths from fractures and contusions were thus caused:—3 by accident from vehicles in the street; 4 by accident on railway; 3 by fall into area; 2 by fall from window; 5 by fall down steps or stairs; 2 by fall from scaffold or staging; 1 by fall from height; 2 by fall in room; 2 by fall in playground or street; 1 by fall and 3 by fracture, the causes of which were not stated. An inquest was held in each of the 28 cases. Four cases of suicide were registered, and were 3 below the corrected average.

#### GREATER LONDON.

In Greater London 3320 births and 2064 deaths were registered, corresponding to annual rates of 31·3 and 19·5 per 1000 of the population. In the Outer Ring 23 deaths from whooping-cough, 8 from diphtheria, and 6 from "fever," were registered. The deaths from whooping-cough included 9 in Edmonton and 9 in West Ham registration districts. Two deaths from "fever" were returned in Willesden and 2 in West Ham sub-districts; and 2 from diphtheria in Enfield, and 2 in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·68 in.; the highest reading was 30·07 in. on Wednesday evening, and the lowest 29·06 in. at the end of the week. The mean temperature of the *air* was 34°·7, and 7°·0 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week, the deficiency of temperature showing a decline from day to day. The general direction of the *wind* was N.N.E., and the horizontal movement of the air averaged 17·3 miles per hour, which was 4·5 miles above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·66 of an inch. The duration of registered bright sunshine in the week was 11·3 hours, against 3·1 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 24th March, 1888.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. |      |      | Registered during<br>the Week ending<br>Mar. 24th, 1888. |                                | The DEATHS registered in the Week include |          |                   |             |                     |          |            |           |                |                                      | TEMPERATURE OF THE AIR.          |  |                                    |             |       |             |             |      |               |                | RAINFALL. |  | CITIES<br>AND<br>BOROUGH. |
|---------------------------|---|------|------|--|--------------------------------|---|----------|-------------------|-------------|---------------------|----------|------------|-----------|----------------|--------------------------------------|----------------------------------|--|------------------------------------|-------------|-------|-------------|-------------|------|---------------|----------------|-----------|--|---------------------------|
|                           | 1.  | 2.   | 3.   | Deaths of  |                                | Small-pox.                                | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Typhoid. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unclassified<br>Causes of Death. | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths |                                    |             | Mean. |             |             |      | In<br>Inches. | In<br>Cent.    |           |  |                           |
|                           |   |      |      | 1 Year<br>of Age.  | Persons aged<br>5 to 14 Years. |   |          |                   |             |                     |          |            |           |                |                                      |                                  | From All<br>Causes.  | From<br>Diseases in<br>Cols. 6-12. | Fahrenheit. |       | Centigrade. |             |      |               |                |           |  |                           |
|                           |   |      |      |  |                                |   |          |                   |             |                     |          |            |           |                |                                      |                                  |  |                                    | High.       | Low.  |             | Fahrenheit. |      |               |                |           |  |                           |
| Cols.                     | 1.  | 2.   | 3.   | 4.   | 5.                             | 6.  | 7.       | 8.                | 9.          | 10.                 | 11.      | 12.        | 13.       | 14.            | 15.                                  | 16.                              | 17.  | 18.                                | 19.         | 20.   | 21.         | 22.         | 23.  | 24.           | Cols.          |           |  |                           |
| 28 TOWNS* -               | 9,398,273   | 5903 | 3792 | 865  | 952                            | 25  | 50       | 43                | 30          | 118                 | 27       | 26         | 134       | 270            | 649                                  | 90                               | 21.1   | 1.8                                | 53.9        | 24.2  | 35.2        | 1.78        | 0.45 | 1.14          | - 28 TOWNS.    |           |  |                           |
| LONDON* -                 | 4,282,921   | 2522 | 1655 | 361  | 458                            | -   | 18       | 24                | 17          | 80                  | 11       | 6          | 64        | 120            | 365                                  | 16                               | 20.2   | 1.9                                | 47.2        | 27.5  | 34.7        | 1.50        | 0.66 | 1.68          | LONDON.        |           |  |                           |
| BRIGHTON -                | 119,983   | 44   | 45   | 5  | 15                             | -   | -        | -                 | 1           | -                   | -        | -          | -         | 3              | 10                                   | 6                                | 19.6   | 0.4                                | 44.0        | 27.5  | 33.5        | 0.83        | 0.71 | 1.80          | BRIGHTON.      |           |  |                           |
| PORTSMOUTH -              | 189,575   | 101  | 52   | 14   | 18                             | -   | -        | -                 | 2           | -                   | -        | -          | -         | 6              | 7                                    | 1                                | 19.4   | 0.0                                | -           | -     | -           | -           | -    | -             | PORTSMOUTH.    |           |  |                           |
| NORWICH -                 | 58,675  | 70   | 36   | 6  | 14                             | -   | -        | 1                 | 2           | 1                   | -        | -          | -         | 3              | 6                                    | 3                                | 20.1   | 2.2                                | 53.0        | 29.0  | 37.2        | 2.80        | 0.19 | 0.48          | NORWICH.       |           |  |                           |
| PLYMOUTH -                | 77,674  | 43   | 56   | 7  | 17                             | -   | 10       | -                 | -           | -                   | -        | -          | -         | 4              | 10                                   | 2                                | 37.6   | 6.7                                | 51.5        | 29.0  | 36.3        | 2.89        | 0.17 | 0.43          | PLYMOUTH.      |           |  |                           |
| BRISTOL -                 | 226,510   | 120  | 80   | 22   | 15                             | 1   | 2        | -                 | -           | 1                   | 1        | -          | -         | 5              | 17                                   | 2                                | 18.4   | 1.2                                | 52.8        | 24.2  | 33.2        | 0.67        | 0.36 | 0.91          | BRISTOL.       |           |  |                           |
| WOLVERHAMPTON -           | 81,691  | 48   | 31   | 8  | 5                              | -   | -        | 1                 | -           | 2                   | -        | -          | -         | 2              | 6                                    | -                                | 19.8   | 2.6                                | 52.8        | 24.2  | 33.2        | 0.67        | 0.36 | 0.91          | WOLVERHAMPTON. |           |  |                           |
| BIRMINGHAM -              | 447,912   | 288  | 162  | 28   | 42                             | -   | 5        | 1                 | 2           | 4                   | 1        | 4          | 9         | 20             | 22                                   | 8                                | 18.9   | 2.0                                | -           | -     | -           | -           | -    | -             | BIRMINGHAM.    |           |  |                           |
| LEICESTER* -              | 146,790   | 114  | 67   | 15   | 21                             | -   | -        | -                 | -           | 1                   | 3        | -          | 3         | 9              | 6                                    | 1                                | 23.8   | 1.4                                | 53.9        | 28.0  | 35.0        | 1.67        | 0.41 | 1.04          | LEICESTER.     |           |  |                           |
| NOTTINGHAM* -             | 230,921   | 148  | 96   | 23   | 21                             | 1   | 3        | 1                 | -           | -                   | 2        | 2          | 6         | 11             | 5                                    | 1                                | 21.7   | 2.3                                | 51.4        | 25.0  | 33.9        | 1.06        | 0.27 | 0.89          | NOTTINGHAM.    |           |  |                           |
| DERBY -                   | 96,241  | 70   | 44   | 16   | 10                             | -   | -        | -                 | -           | -                   | -        | -          | -         | 2              | 6                                    | 3                                | 23.8   | 0.5                                | -           | -     | -           | -           | -    | -             | DERBY.         |           |  |                           |
| BIRKENHEAD -              | 100,093   | 69   | 46   | 8  | 17                             | -   | -        | -                 | -           | -                   | 1        | 1          | -         | 2              | 7                                    | 1                                | 24.0   | 1.0                                | -           | -     | -           | -           | -    | -             | BIRKENHEAD.    |           |  |                           |
| LIVERPOOL -               | 569,738   | 361  | 253  | 64   | 48                             | -   | 1        | 3                 | 1           | 10                  | 2        | 4          | 8         | 11             | 49                                   | 20                               | 23.4   | 1.8                                | 49.9        | 29.0  | 36.5        | 2.50        | 0.59 | 1.50          | LIVERPOOL.     |           |  |                           |
| BOLTON -                  | 113,506   | 80   | 50   | 10   | 10                             | -   | -        | -                 | 1           | 2                   | -        | -          | 1         | 2              | 3                                    | -                                | 23.0   | 1.4                                | -           | -     | -           | -           | -    | -             | BOLTON.        |           |  |                           |
| MANCHESTER -              | 378,164   | 273  | 220  | 40   | 59                             | 1   | 5        | 2                 | -           | 6                   | 2        | 2          | 6         | 14             | 47                                   | 2                                | 30.4   | 2.5                                | -           | -     | -           | -           | -    | -             | MANCHESTER.    |           |  |                           |
| SALFORD* -                | 226,336   | 161  | 92   | 19   | 16                             | -   | 1        | 1                 | -           | 2                   | -        | -          | 4         | 8              | 13                                   | 2                                | 21.2   | 0.9                                | -           | -     | -           | -           | -    | -             | SALFORD.       |           |  |                           |
| OLDHAM -                  | 138,220   | 71   | 56   | 17   | 10                             | -   | -        | -                 | 2           | -                   | -        | -          | -         | 4              | 3                                    | -                                | 21.1   | 1.5                                | -           | -     | -           | -           | -    | -             | OLDHAM.        |           |  |                           |
| BLACKBURN -               | 119,089   | 88   | 64   | 26   | 13                             | -   | -        | -                 | 2           | -                   | -        | -          | 1         | 2              | 4                                    | 3                                | 28.1   | 2.6                                | -           | -     | -           | -           | -    | -             | BLACKBURN.     |           |  |                           |
| PRESTON -                 | 103,234   | 83   | 52   | 14   | 10                             | 2   | -        | 1                 | -           | 1                   | 1        | 1          | 1         | 6              | 8                                    | 1                                | 26.3   | 0.0                                | 49.0        | 29.0  | 35.8        | 2.11        | 0.72 | 1.83          | PRESTON.       |           |  |                           |
| HUDDESFIELD -             | 91,419  | 37   | 26   | 6  | 6                              | -   | -        | -                 | 2           | 1                   | -        | -          | -         | 2              | 3                                    | 1                                | 14.8   | 2.3                                | -           | -     | -           | -           | -    | -             | HUDDESFIELD.   |           |  |                           |
| HALIFAX -                 | 80,188  | 54   | 25   | 7  | 6                              | -   | -        | -                 | -           | -                   | -        | -          | -         | -              | -                                    | 1                                | 16.3   | 0.0                                | -           | -     | -           | -           | -    | -             | HALIFAX.       |           |  |                           |
| BRADFORD* -               | 229,721   | 159  | 81   | 12   | 21                             | -   | 4        | -                 | -           | 1                   | -        | -          | -         | -              | 7                                    | 4                                | 18.4   | 1.1                                | 47.0        | 29.1  | 34.7        | 1.50        | 0.31 | 0.79          | BRADFORD.      |           |  |                           |
| LEEDS -                   | 351,210   | 269  | 145  | 46   | 34                             | -   | -        | -                 | -           | 1                   | 1        | 2          | 4         | 10             | 12                                   | 1                                | 21.5   | 0.7                                | -           | -     | -           | -           | -    | -             | LEEDS.         |           |  |                           |
| SHEFFIELD -               | 321,711   | 183  | 140  | 37   | 23                             | 17  | -        | 2                 | -           | 2                   | 2        | 1          | 2         | 3              | 14                                   | 15                               | 22.7   | 3.9                                | -           | -     | -           | -           | -    | -             | SHEFFIELD.     |           |  |                           |
| HULL -                    | 202,359   | 140  | 65   | 19   | 13                             | 2   | -        | -                 | -           | -                   | -        | -          | 1         | 3              | 3                                    | 11                               | 16.8   | 1.5                                | 48.0        | 26.0  | 35.0        | 1.67        | 0.34 | 0.86          | HULL.          |           |  |                           |
| SUNDERLAND -              | 131,919   | 107  | 49   | 10   | 15                             | 1   | -        | -                 | 1           | -                   | -        | -          | -         | 4              | 8                                    | 5                                | 19.4   | 0.8                                | 46.0        | 28.0  | 36.2        | 2.33        | 0.67 | 1.70          | SUNDERLAND.    |           |  |                           |
| NEWCASTLE* -              | 159,003   | 109  | 67   | 10   | 10                             | -   | -        | -                 | -           | -                   | -        | -          | -         | 1              | 1                                    | 5                                | 22.0   | 0.0                                | 45.0        | 29.0  | 35.7        | 2.06        | 0.50 | 1.27          | NEWCASTLE.     |           |  |                           |
| CARDIFF* -                | 168,570   | 101  | 32   | 15   | 5                              | -   | 1        | -                 | 1           | -                   | -        | 1          | -         | 1              | 1                                    | 4                                | 15.4   | 1.4                                | -           | -     | -           | -           | -    | -             | CARDIFF.       |           |  |                           |
| EDINBURGH -               | 262,733   | 131  | 103  | 17   | 28                             | -   | 2        | 1                 | 1           | 5                   | 1        | 1          | 4         | 9              | 14                                   | 27                               | 20.5   | 2.2                                | 50.9        | 27.0  | 36.7        | 2.61        | 0.66 | 1.68          | EDINBURGH.     |           |  |                           |
| GLASGOW -                 | 526,088   | 415  | 275  | 63   | 39                             | -   | 6        | 6                 | 1           | 14                  | 2        | -          | 12        | 9              | 36                                   | 37                               | 27.3   | 2.9                                | 47.0        | 23.0  | 36.2        | 2.33        | 0.50 | 1.27          | GLASGOW.       |           |  |                           |
| DUBLIN -                  | 353,082   | 202  | 201  | 39   | 53                             | -   | 5        | 4                 | -           | 4                   | 4        | 3          | 1         | 5              | 62                                   | 25                               | 29.7   | 3.0                                | 53.7        | 25.3  | 36.7        | 2.61        | 0.24 | 0.61          | DUBLIN.        |           |  |                           |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWELFTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2721 | 2684 | 2584 | 2640 | 2559 | 2466 | 2665 | 2537 | 2731 | 2671 | 2863·3   | 2522 |
| Males . .           | 1401 | 1366 | 1342 | 1313 | 1284 | 1250 | 1342 | 1271 | 1334 | 1397 | 1455·7   | 1284 |
| Females .           | 1320 | 1318 | 1242 | 1327 | 1275 | 1216 | 1323 | 1266 | 1347 | 1274 | 1407·6   | 1238 |
| <b>TOTAL Deaths</b> | 1676 | 2085 | 1505 | 1516 | 1827 | 1887 | 1588 | 1734 | 2141 | 1720 | 1927·8   | 1655 |
| Males . .           | 838  | 1033 | 766  | 818  | 884  | 941  | 799  | 869  | 1067 | 860  | 957·8  | 835  |
| Females .           | 838  | 1052 | 739  | 698  | 943  | 946  | 789  | 865  | 1074 | 860  | 960·0  | 820  |

\* The numbers in this column are the average weekly numbers in the twelfth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Dec.<br>31. | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. |
|--|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|
| <b>TOTAL Births</b>                      | 2326        | 2845       | 2556        | 2638        | 2715        | 2688       | 2830        | 2569        | 2473        | 2778       | 2583        | 2629        | 2522        |
| <b>TOTAL Deaths</b>                      | 1882        | 1868       | 1940        | 2000        | 1816        | 1894       | 1833        | 1689        | 1772        | 1794       | 1886        | 1604        | 1655        |
| 0—20                                     | 893         | 860        | 815         | 872         | 849         | 907        | 807         | 763         | 772         | 795        | 811         | 698         | 715         |
| 20—40                                    | 216         | 202        | 257         | 228         | 215         | 210        | 205         | 178         | 199         | 215        | 223         | 201         | 197         |
| 40—60                                    | 324         | 341        | 327         | 386         | 304         | 319        | 293         | 300         | 331         | 313        | 300         | 275         | 285         |
| 60—80                                    | 361         | 379        | 441         | 417         | 366         | 368        | 440         | 353         | 388         | 391        | 465         | 353         | 384         |
| at 80 years & upwards.                   | 88          | 86         | 100         | 97          | 82          | 90         | 93          | 95          | 82          | 80         | 87          | 77          | 74          |
| Deaths of children { Under 1 year        | 458         | 387        | 367         | 403         | 394         | 413        | 394         | 360         | 351         | 371        | 424         | 332         | 361         |
| { 1—5                                    | 325         | 351        | 337         | 349         | 353         | 366        | 310         | 304         | 320         | 302        | 281         | 274         | 254         |
| { 5—20                                   | 110         | 122        | 111         | 120         | 102         | 128        | 103         | 99          | 101         | 122        | 106         | 92          | 100         |
| Deaths from Small-pox                    | —           | —          | 1           | —           | —           | —          | —           | 1           | —           | —          | 2           | —           | —           |
| " " Measles                              | 28          | 25         | 25          | 14          | 16          | 18         | 15          | 14          | 18          | 15         | 21          | 22          | 18          |
| " " Scarlet fever                        | 40          | 37         | 25          | 42          | 29          | 39         | 36          | 30          | 32          | 27         | 29          | 25          | 24          |
| " " Diphtheria                           | 22          | 28         | 16          | 22          | 29          | 29         | 40          | 13          | 30          | 24         | 24          | 22          | 17          |
| " " Whooping-cough                       | 130         | 120        | 152         | 138         | 168         | 177        | 153         | 122         | 127         | 94         | 101         | 92          | 80          |
| " " Typhus                               | —           | 1          | —           | —           | —           | —          | —           | —           | —           | —          | —           | 1           | 1           |
| " " Enteric fever                        | 19          | 28         | 22          | 26          | 13          | 26         | 12          | 18          | 16          | 15         | 20          | 10          | 10          |
| " " Simple Cont'd fever                  | —           | 2          | 1           | 1           | 1           | 3          | 1           | —           | —           | —          | —           | 1           | —           |
| " " Diarrhoea and Dysentery              | 12          | 12         | 11          | 15          | 11          | 15         | 12          | 8           | 8           | 10         | 17          | 10          | 6           |
| " " Cholera                              | —           | —          | —           | —           | —           | —          | —           | —           | 1           | —          | —           | —           | —           |
| Deaths from the above-mentioned Diseases | 251         | 253        | 253         | 258         | 267         | 307        | 269         | 211         | 232         | 185        | 214         | 183         | 156         |
| " " Dis. of Respiratory System           | 442         | 502        | 579         | 591         | 534         | 516        | 504         | 437         | 478         | 438        | 490         | 459         | 457         |
| " " Phthisis                             | 162         | 161        | 187         | 153         | 154         | 159        | 149         | 131         | 170         | 165        | 159         | 140         | 144         |
| " " Dis. of Circulatory System           | 142         | 166        | 160         | 179         | 143         | 154        | 163         | 127         | 134         | 137        | 161         | 137         | 133         |
| Violent Deaths                           | 74          | 65         | 69          | 78          | 59          | 55         | 58          | 39          | 62          | 65         | 51          | 58          | 64          |
| Inquest Cases                            | 165         | 156        | 146         | 155         | 127         | 131        | 119         | 88          | 107         | 149        | 123         | 116         | 120         |
| Deaths in Public Institutions            | 380         | 366        | 436         | 413         | 381         | 383        | 408         | 358         | 405         | 379        | 424         | 355         | 365         |
| TEMPERATURE OF THE AIR                   |             |            |             |             |             |            |             |             |             |            |             |             |             |
| Mean                                     | 32·1        | 40·2       | 38·1        | 34·7        | 40·7        | 33·7       | 43·6        | 34·1        | 29·8        | 31·5       | 42·6        | 37·2        | 34·7        |
| Mean of Highest readings                 | 35·4        | 44·8       | 41·4        | 37·5        | 44·6        | 38·8       | 48·4        | 38·1        | 33·9        | 35·9       | 48·8        | 43·2        | 40·6        |
| Mean of Lowest readings                  | 28·0        | 35·4       | 34·3        | 30·7        | 36·8        | 27·6       | 38·9        | 31·1        | 25·9        | 27·5       | 36·9        | 32·7        | 30·4        |
| Humidity of the Air                      | 79          | 88         | 97          | 86          | 83          | 78         | 83          | 82          | 76          | 76         | 79          | 81          | 80          |
| Rain-fall in inches                      | 0·02        | 0·40       | 0·02        | 0·21        | 0·10        | 0·17       | 0·26        | 0·38        | 0·21        | 0·02       | 0·30        | 0·95        | 0·66        |
| Registered Sunshine (in hours)           | 6·2         | 4·1        | 0·0         | 2·5         | 3·0         | 11·1       | 1·8         | 5·6         | 6·0         | 10·4       | 6·5         | 10·8        | 11·3        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whiteledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWELFTH Week of the Year 1883.

| CAUSES OF DEATH.   | Corrected Averages for the 12th Weeks of the 10 years 1873-82.* | In the Week ending Saturday, 24th March 1883. |           |      |       |                  |                  |                  |                       | CAUSES OF DEATH.  | Corrected Averages for the 12th Weeks of the 10 years 1873-82.* | In the Week ending Saturday, 24th March 1883. |           |      |       |                  |                  |                  |                       |
|--|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|
|  |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |                       |   |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |                       |
|  |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |
|  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |
| ALL CAUSES - -   | 1927·8  | 1655  | 361       | 254  | 100   | 197              | 285              | 334              | 74                    | Diseases of Organs of Special Sense † - - }               | 2·3   | 1   | 1         | -    | -     | -                | -                | -                | -                     |
| Small-pox { Vaccinated † - - }<br>Unvaccinated - - }<br>No Statement - - } | 16·5 {  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - }                      | 120·2   | 133   | -         | 1    | 5     | 23               | 40               | 53               | 6                     |
| Measles - - -  | 48·1  | 18  | 5         | 13   | -     | -                | -                | -                | -                     | Croup - - -   | 13·1  | 16  | 3         | 12   | 1     | -                | -                | -                | -                     |
| Scarlet Fever - -  | 25·5  | 24  | 2         | 11   | 11    | -                | -                | -                | -                     | Bronchitis - - -  | 339·4   | 268   | 55        | 49   | 3     | 5                | 40               | 103              | 13                    |
| Typhus - - -   | 1·4   | 1   | -         | -    | -     | 1                | -                | -                | -                     | Pneumonia - - -   | 128·0   | 128   | 80        | 32   | 9     | 22               | 15               | 16               | 4                     |
| Relapsing Fever † -  | 0·0   | -   | -         | -    | -     | -                | -                | -                | -                     | Pleurisy - - -  | 6·8   | 5   | -         | -    | -     | 3                | 2                | -                | -                     |
| Influenza - - -  | 0·3   | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - }                | 47·9  | 40  | 5         | 2    | 1     | 2                | 10               | 19               | 1                     |
| Whooping-cough -   | 99·2  | 80  | 29        | 48   | 3     | -                | -                | -                | -                     | Dentition † - - -   | 22·2  | 17  | 10        | 7    | -     | -                | -                | -                | -                     |
| Diphtheria - - -   | 13·7  | 17  | 1         | 9    | 6     | -                | 1                | -                | -                     | Quinsy, Sore Throat † -                                   | 3·0   | 2   | -         | 2    | -     | -                | -                | -                | -                     |
| Simple Continued and Ill-defined Fever - }                                 | 1·9   | -   | -         | -    | -     | -                | -                | -                | -                     | Enteritis - - -   | 7·4   | 9   | 1         | 1    | -     | 1                | 4                | 2                | -                     |
| Enteric Fever - -  | 16·6  | 10  | -         | -    | 2     | 6                | 1                | 1                | -                     | Peritonitis - - -   | 6·3   | 1   | -         | -    | -     | -                | -                | -                | -                     |
| Cholera - - -  | 0·3   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Liver - - -                                   | 31·2  | 31  | 1         | -    | -     | 4                | 14               | 11               | 1                     |
| Diarrhoea, Dysentery   | 15·4  | 6   | 2         | -    | -     | -                | 1                | 1                | 2                     | Other Diseases of Digestive System - }                    | 30·6  | 37  | 10        | 1    | 2     | 6                | 4                | 12               | 2                     |
| Remittent Fever † -  | 0·5   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - } | 1·1   | 2   | -         | -    | 1     | -                | 1                | -                | -                     |
| Hydrophobia - - -  | 0·1   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System - - }                          | 41·0  | 51  | 1         | 1    | 3     | 13               | 15               | 18               | -                     |
| Glanders - - -   | 0·0   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - }                       | 6·1   | 10  | 1         | 1    | -     | 3                | 5                | -                | -                     |
| Cowpox and Effects of Vaccination † - - }                                  | 0·5   | -   | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth -                                 | 4·7   | 7   | -         | -    | -     | 4                | 3                | -                | -                     |
| Veneral Affections -   | 10·8  | 7   | 6         | -    | -     | -                | -                | 1                | -                     | Diseases of Locomotive System † - - }                     | 7·0   | 8   | -         | -    | 3     | 3                | 2                | -                | -                     |
| Erysipelas - - -   | 6·4   | 5   | 3         | -    | -     | 1                | 1                | -                | -                     | Diseases of Integumentary System - - }                    | 7·3   | 8   | -         | 1    | -     | -                | 2                | 5                | -                     |
| Pyæmia and Septicæmia †  | 2·5   | 3   | 1         | -    | -     | 1                | 1                | -                | -                     | <b>VIOLENT DEATHS. §</b>                                  |   |   |           |      |       |                  |                  |                  |                       |
| Puerperal Fever - -  | 4·5   | 2   | -         | -    | -     | 2                | -                | -                | -                     | ACCIDENT.)  |   |   |           |      |       |                  |                  |                  |                       |
| Other Zymotic Diseases †   | 2·5   | 1   | -         | 1    | -     | -                | -                | -                | -                     | Fracture and Contusion -                                  | 19·9  | 28  | -         | -    | 2     | 5                | 7                | 8                | 2                     |
| Thrush - - -   | 1·5   | 2   | 2         | -    | -     | -                | -                | -                | -                     | Gunshot Wound - - -                                       | 0·3   | 1   | -         | -    | -     | -                | -                | -                | -                     |
| Worms and other Parasitical Diseases - }                                   | 0·5   | -   | -         | -    | -     | -                | -                | -                | -                     | Cut, Stab - - -   | 0·4   | 1   | -         | -    | -     | -                | 1                | -                | -                     |
| Starvation, Want of Breast-milk † - - }                                    | 2·1   | 3   | 3         | -    | -     | -                | -                | -                | -                     | Burn and Scald - - -                                      | 7·2   | 8   | 2         | 4    | 2     | -                | -                | -                | -                     |
| Alcoholism - - -   | 5·3   | 3   | -         | -    | -     | -                | 3                | -                | -                     | Poison - - -  | 1·2   | 1   | -         | -    | -     | -                | -                | -                | -                     |
| Rheumatic Fever, Rheumatism of Heart †                                     | 6·9   | 4   | -         | -    | 1     | 1                | 1                | 1                | -                     | Drowning - - -  | 4·8   | 3   | -         | 1    | -     | 2                | -                | -                | -                     |
| Rheumatism † - -   | 3·2   | 3   | -         | -    | -     | 1                | 1                | 1                | -                     | Suffocation - - -   | 14·7  | 19  | 18        | -    | 1     | -                | -                | -                | -                     |
| Gout - - -   | 2·9   | 1   | -         | -    | -     | 1                | -                | -                | -                     | Otherwise - - -   | 2·8   | 1   | -         | -    | -     | -                | 1                | -                | -                     |
| Rickets † - - -  | 6·2   | 7   | 2         | 5    | -     | -                | -                | -                | -                     | (HOMICIDE.)   |   |   |           |      |       |                  |                  |                  |                       |
| Cancer - - -   | 52·6  | 58  | -         | -    | 2     | 6                | 27               | 23               | -                     | Murder & Manslaughter                                     | 1·6   | -   | -         | -    | -     | -                | -                | -                | -                     |
| Tabes Mesenterica -  | 23·8  | 17  | 7         | 7    | 2     | -                | 1                | -                | -                     | (SUICIDE.)  |   |   |           |      |       |                  |                  |                  |                       |
| Tubercular Meningitis  | 33·9  | 23  | 10        | 9    | 4     | -                | -                | -                | -                     | Gunshot Wound - - -                                       | 0·3   | -   | -         | -    | -     | -                | -                | -                | -                     |
| Phthisis - - -   | 191·3   | 144   | 1         | 3    | 19    | 61               | 43               | 16               | 1                     | Cut, Stab - - -   | 1·3   | -   | -         | -    | -     | -                | -                | -                | -                     |
| Scrofula, Tuberculosis   | 16·9  | 22  | 6         | 7    | 3     | 4                | 2                | -                | -                     | Poison - - -  | 2·1   | 2   | -         | -    | -     | 1                | 1                | -                | -                     |
| Other Constitutional Diseases † - - }                                      | 10·7  | 12  | 2         | -    | 1     | 4                | 2                | 3                | -                     | Drowning - - -  | 1·1   | 1   | -         | -    | -     | -                | -                | -                | -                     |
| Premature Birth - -  | 36·7  | 48  | 43        | -    | -     | -                | -                | -                | -                     | Hanging - - -   | 1·5   | 1   | -         | -    | -     | -                | -                | 1                | -                     |
| Atelectasis † - -  | 3·5   | 1   | 1         | -    | -     | -                | -                | -                | -                     | Otherwise - - -   | 0·9   | -   | -         | -    | -     | -                | -                | -                | -                     |
| Congenital Malformations - }   | 9·5   | 12  | 11        | -    | 1     | -                | -                | -                | -                     | (EXECUTION.)  |   |   |           |      |       |                  |                  |                  |                       |
| Old Age - - -  | 67·1  | 61  | -         | -    | -     | -                | 33               | 23               | -                     | Hanging - - -   | 0·2   | -   | -         | -    | -     | -                | -                | -                | -                     |
| Apoplexy - - -   | 50·6  | 45  | 1         | 1    | -     | 2                | 14               | 21               | 6                     | OTHER CAUSES † - -  | 63·3  | 45  | 34        | 4    | -     | -                | 1                | 6                | 1                     |
| Epilepsy - - -   | 6·0   | 8   | -         | -    | 1     | 3                | 2                | 2                | -                     |   |   |   |           |      |       |                  |                  |                  |                       |
| Convulsions - - -  | 60·0  | 42  | 34        | 8    | -     | -                | -                | -                | -                     |   |   |   |           |      |       |                  |                  |                  |                       |
| Other Diseases of Brain and Nervous System }                               | 102·7   | 81  | 12        | 11   | 8     | 5                | 14               | 24               | 7                     |   |   |   |           |      |       |                  |                  |                  |                       |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1873-82, raised by 9·046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



**TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending**

|   |  | The DEATHS registered in the Week include    |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |                                 |
|---|--|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|-----|----------------|-----------------------------------|---------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     |     | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
|   |  |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |     |                |                                   |                                 |
|   |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |                                 |
| LONDON . . . .  |  | 3,815,704                                    | 2522                                | 1655                                | 361                             | 458                                 | -           | 18       | 24             | 17          | 80              | 1       | 10                             | -                            | 6          | 64        | 120 | 365 | 16             |                                   |                                 |
| WEST DISTRICTS . . . .  |  | 669,683                                      | 375                                 | 807                                 | 67                              | 86                                  | -           | 7        | 2              | 1           | 15              | -       | 4                              | -                            | 3          | 11        | 20  | 80  | -              |                                   |                                 |
| NORTH DISTRICTS . . . .   |  | 905,947                                      | 557                                 | 347                                 | 66                              | 104                                 | -           | 6        | 8              | 5           | 15              | -       | 1                              | -                            | 2          | 7         | 16  | 72  | -              |                                   |                                 |
| CENTRAL DISTRICTS . . . .   |  | 262,238                                      | 173                                 | 107                                 | 21                              | 27                                  | -           | -        | -              | 1           | 3               | -       | -                              | -                            | -          | 7         | 11  | 34  | 2              |                                   |                                 |
| EAST DISTRICTS . . . .  |  | 662,738                                      | 324                                 | 346                                 | 69                              | 88                                  | -           | 1        | 3              | 4           | 19              | -       | 1                              | -                            | 1          | 16        | 34  | 88  | 1              |                                   |                                 |
| SOUTH DISTRICTS . . . .   |  | 1,965,148                                    | 893                                 | 547                                 | 138                             | 153                                 | -           | 4        | 10             | 6           | 23              | 1       | 4                              | -                            | -          | 23        | 39  | 90  | 13             |                                   |                                 |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . |  | -  | -                                   | 1                                   | -                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   | -              |                                   |                                 |
| WEST DISTRICTS.   |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |                                 |
| St. Mary Paddington WHH G.J. & W.M.                                       |  | 69888  | 31                                  | 26                                  | 7                               | 5                                   | -           | -        | -              | -           | 1               | -       | 2                              | -                            | -          | 1         | 3   | 1   | -              |                                   |                                 |
| St. John Paddington H - - G.J.  |  | 37380  | 12                                  | 20                                  | 2                               | 10                                  | -           | -        | -              | -           | 1               | -       | 1                              | -                            | -          | 1         | 2   | 6   | -              |                                   |                                 |
| Kensington Town Ww - - W.M.   |  | 190141                                       | 55                                  | 61                                  | 12                              | 26                                  | -           | 1        | -              | -           | 4               | -       | -                              | -                            | -          | 2         | 10  | -   | -              |                                   |                                 |
| Brompton HH - - W.M. & C.   |  | 49010  | 9                                   | 6                                   | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| St. Peter Hammersmith - - W.M.  |  | 7899   | 7                                   | 1                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64540  | 57                                  | 27                                  | 9                               | 4                                   | -           | 1        | -              | -           | 2               | -       | -                              | -                            | 2          | 1         | 2   | 7   | -              |                                   |                                 |
| Fulham Ww - - W.M. & C.   |  | 42900  | 61                                  | 29                                  | 9                               | 7                                   | -           | 2        | 2              | -           | 3               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| Chelsea South HHH - - C.  |  | 80396  | 19                                  | 19                                  | 6                               | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 2   | 4   | -              |                                   |                                 |
| Chelsea North-west WHHHH - C.   |  | 32807  | 25                                  | 15                                  | 1                               | 3                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 11  | -              |                                   |                                 |
| Chelsea North-east - - C.   |  | 32807  | 29                                  | 12                                  | 4                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1   | -   | -              |                                   |                                 |
| May Fair WW - - G.J.  |  | 80353  | 8                                   | 13                                  | 2                               | 9                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 14  | -              |                                   |                                 |
| Belgrave WHHH - - C.  |  | 59220  | 26                                  | 26                                  | 2                               | 5                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | 1          | 1         | 1   | 11  | -              |                                   |                                 |
| St. John Westminster HHH - C.   |  | 95498  | 26                                  | 13                                  | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3   | 3   | -              |                                   |                                 |
| St. Margaret Westminster H - C.   |  | 24679  | 6                                   | 15                                  | 3                               | 1                                   | -           | -        | -              | -           | 3               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| St. James Westminster WHI N.R. & G.J.                                     |  | 29041  | 10                                  | 9                                   | 2                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 1   | -              |                                   |                                 |
| St. Anne Soho HHHHHH - N.R.   |  | 16008  | 4                                   | 9                                   | 1                               | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   | -              |                                   |                                 |
| NORTH DISTRICTS.  |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |                                 |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 13                                  | 16                                  | 2                               | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | 6   | -              |                                   |                                 |
| Cavendish Square HHHH - W.M.  |  | 14891  | 3                                   | 3                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   | -              |                                   |                                 |
| Rectory Marylebone WH G.J. & W.M.   |  | 24806  | 6                                   | 7                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3   | -              |                                   |                                 |
| St. Mary Marylebone HHH G.J. & W.M.                                       |  | 21138  | 23                                  | 8                                   | 2                               | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   | -              |                                   |                                 |
| Christchurch Marylebone H - W.M.  |  | 33700  | 23                                  | 7                                   | 1                               | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| St. John Marylebone H - W.M.  |  | 33633  | 16                                  | 22                                  | 3                               | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3   | -   | -              |                                   |                                 |
| Hampstead WwHHHH N.R. & W.M.  |  | 45452  | 36                                  | 17                                  | 2                               | 7                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 5   | -              |                                   |                                 |
| Regent's Park Pancras H - W.M.  |  | 39115  | 14                                  | 12                                  | 4                               | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 2   | -   | -              |                                   |                                 |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 9                                   | 13                                  | 1                               | 3                                   | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 1   | 6   | -              |                                   |                                 |
| Gray's Inn Lane HHH - N.R.  |  | 30247  | 13                                  | 12                                  | 2                               | 3                                   | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 1   | 6   | -              |                                   |                                 |
| Somers Town H - - N.R.  |  | 34369  | 24                                  | 11                                  | 4                               | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   | -              |                                   |                                 |
| Barnsbury H - - N.R.  |  | 17811  | 13                                  | 14                                  | 4                               | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 2   | 10  | -              |                                   |                                 |
| Camden Town WH - - N.R.   |  | 87487  | 62                                  | 83                                  | 7                               | 10                                  | -           | 1        | -              | 2           | 2               | -       | -                              | -                            | -          | 1         | 2   | 6   | -              |                                   |                                 |
| Kentish Town W - - N.R.   |  | 87487  | 62                                  | 83                                  | 7                               | 10                                  | -           | 1        | -              | 2           | 2               | -       | -                              | -                            | -          | 1         | 2   | 6   | -              |                                   |                                 |
| Upper Holloway WwWH - - N.R.  |  | 67946  | 59                                  | 38                                  | 5                               | 14                                  | -           | -        | -              | -           | 3               | -       | -                              | -                            | -          | -         | 1   | 15  | -              |                                   |                                 |
| Islington South-west HH - N.R.  |  | 100976                                       | 60                                  | 20                                  | 4                               | 7                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 1   | -   | -              |                                   |                                 |
| Islington South-east - - N.R.   |  | 61895  | 43                                  | 12                                  | 4                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -   | -              |                                   |                                 |
| Highbury H - - N.R.   |  | 52045  | 29                                  | 22                                  | 2                               | 8                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | 2   | -              |                                   |                                 |
| Stoke Newington H - - N.R.  |  | 22781  | 9                                   | 8                                   | 2                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| Stamford Hill - - E.L.  |  | 9277   | 18                                  | 5                                   | 1                               | 1                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| West Hackney - - N.R.   |  | 37610  | 21                                  | 17                                  | 4                               | 5                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1   | -   | -              |                                   |                                 |
| Hackney WwWH - E.L. & N.R.  |  | 76911  | 42                                  | 34                                  | 9                               | 8                                   | -           | 1        | 4              | 1           | -               | -       | 1                              | -                            | -          | -         | -   | 11  | -              |                                   |                                 |
| South Hackney - - E.L.  |  | 39938  | 26                                  | 16                                  | 6                               | 4                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | -   | -   | -              |                                   |                                 |
| CENTRAL DISTRICTS.  |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |                                 |
| St. George Bloomsbury - - N.R.  |  | 16681  | 5                                   | 3                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3   | -              |                                   |                                 |
| St. Giles South WH - - N.R.   |  | 14864  | 24                                  | 9                                   | 3                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 2   | -              |                                   |                                 |
| St. Giles North - - N.R.  |  | 13837  | 4                                   | 3                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| St. Martin-in-the-Fields HH N.R. & C.                                     |  | 17508  | 5                                   | 3                                   | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3   | 1              |                                   |                                 |
| St. Mary-le-Strand H - - N.R.   |  | 7515   | 1                                   | 3                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| St. Clement Danes H - - N.R.  |  | 8559   | 4                                   | 8                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2   | 6   | -              |                                   |                                 |
| Strand Union Workhouse, Edmonton w.                                       |  | -  | -                                   | 3                                   | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3   | -              |                                   |                                 |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 13671  | 11                                  | 7                                   | 1                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | 3   | -              |                                   |                                 |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 5                                   | 5                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| Saffron Hill H - - N.R.   |  | 6538   | 2                                   | 4                                   | 1                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| St. James Clerkenwell - - N.R.  |  | 17516  | 12                                  | 5                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| St. James Clerkenwell - - N.R.  |  | 19281  | 15                                  | 1                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| Amwell Clerkenwell - - N.R.   |  | 14773  | 14                                  | 6                                   | 1                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1   | -   | -              |                                   |                                 |
| Pentonville - - N.R.  |  | 17505  | 14                                  | 5                                   | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| Goswell-street - - N.R.   |  | 11541  | 11                                  | 4                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   | -              |                                   |                                 |
| Old-street H - - N.R.   |  | 18623  | 21                                  | 8                                   | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 1   | 1              |                                   |                                 |
| City-road HHL - - N.R.  |  | 9217   | 5                                   | 5                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | -   | -              |                                   |                                 |
| Whitecross-street - - N.R.  |  | 7463   | 2                                   | 2                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| Finsbury - - N.R.   |  | -  | -                                   | 2                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| Holborn Union Workhouse, Mitcham, w.                                      |  | -  | -                                   | 2                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 2   | -              |                                   |                                 |
| St. Botolph H - - N.R. & E.L.   |  | 11174  | 6                                   | 5                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| Cripplegate - - N.R.  |  | 7193   | 4                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| St. Sepulchre H - - N.R.  |  | 5358   | 3                                   | 9                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2   | 9   | -              |                                   |                                 |
| St. Bride W - - N.R.  |  | 8395   | 1                                   | 2                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   | -              |                                   |                                 |
| Allhallows Barking - - N.R.   |  | 18666  | 3                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |
| Broad Street H - - N.R.   |  | 5653   | 1                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   | -              |                                   |                                 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies Grand Junction Company; *W.M.* West Middlesex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London; and *K.* the Kent Company.

EVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
aturday, the 24th March, 1888.

|                                |             | The DEATHS registered in the Week include         |                                  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                                   |                                 |
|--------------------------------|-------------|---|----------------------------------|----------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----------------------------------|---------------------------------|
| REGISTRATION SUB-DISTRICTS.    |             | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total Births during the<br>Week. | Total Deaths during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
|                                |             |   |                                  |                                  | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |                                   |                                 |
| EAST DISTRICTS.                |             |   |                                  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                                   |                                 |
| Holywell Shoreditch            | N.R. & E.L. | 7376  | 3                                | 1                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| St. Leonard Shoreditch         | HL*         | 14967   | 8                                | 16                               | 3                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2                                 |                                 |
| Hoxton New Town                | -           | 29387   | 19                               | 15                               | -                               | 9                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 10                                |                                 |
| Hoxton Old Town                | -           | 28036   | 23                               | 6                                | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 9                                 |                                 |
| Baggerston                     | WH          | 46275   | 38                               | 24                               | 5                               | 5                                   | -           | 1        | -              | 3           | 1               | -       | -                              | -                            | 1          | -         | -                                 |                                 |
| Hackney-road                   | H           | 29738   | 36                               | 9                                | -                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 4         | 1                                 |                                 |
| Green, Bethnal Green           | WHL*        | 47982   | 37                               | 40                               | 7                               | 9                                   | -           | -        | -              | 1           | 6               | -       | -                              | -                            | 1          | 2         | 14                                |                                 |
| Church, Bethnal Green          | -           | 29881   | 27                               | 13                               | 3                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 2         | -                                 |                                 |
| Green, Bethnal Green           | -           | 19310   | 17                               | 10                               | 2                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | -                                 |                                 |
| Hospitals                      | -           | 22585   | 17                               | 7                                | 4                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Mile End New Town              | W           | 15473   | 18                               | 13                               | 1                               | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | 6                                 |                                 |
| Whitechapel Church             | H           | 17490   | 13                               | 21                               | -                               | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 3          | 3         | 16                                |                                 |
| Goodman's Fields               | -           | 9713  | 4                                | 3                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Alldgate                       | -           | 6102  | 4                                | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| St. George's, North            | -           | 38747   | 27                               | 13                               | 3                               | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 1                                 |                                 |
| St. John, St. George East      | W           | 3410  | 9                                | 8                                | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Shadwell                       | HH          | 16995   | 9                                | 4                                | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | -                                 |                                 |
| Ratcliff                       | -           | 16107   | 7                                | 9                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | -                                 |                                 |
| Timehouse                      | -           | 32041   | 36                               | 9                                | 3                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Mile End Old Town West         | -           | 37960   | 20                               | 10                               | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 3         | -                                 |                                 |
| Mile End Old Town East         | W & H       | 67653   | 44                               | 20                               | 7                               | 6                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | 4          | 1         | -                                 |                                 |
| Bow                            | -           | 37074   | 19                               | 18                               | 4                               | 4                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | 2          | 3         | -                                 |                                 |
| Bromley                        | W & H       | 64359   | 51                               | 44                               | 10                              | 13                                  | -           | -        | 1              | -           | 2               | -       | -                              | -                            | 4          | 16        | -                                 |                                 |
| Poplar                         | WH          | 55077   | 38                               | 33                               | 8                               | 5                                   | -           | -        | -              | -           | 5               | -       | -                              | -                            | 1          | 3         | -                                 |                                 |
| SOUTH DISTRICTS.               |             |   |                                  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                                   |                                 |
| Christchurch Southwark         | WH          | 13663   | 7                                | 5                                | -                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2                                 |                                 |
| St. Saviour Southwark          | -           | 14999   | 11                               | 5                                | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Kent-road                      | -           | 21381   | 18                               | 9                                | 1                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 2          | 2         | -                                 |                                 |
| Borough-road                   | WH          | 13353   | 10                               | 11                               | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -                                 |                                 |
| London-road                    | HL          | 21318   | 9                                | 4                                | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Trinity Newington              | -           | 25672   | 17                               | 5                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| St. Peter Walworth             | W           | 59555   | 44                               | 21                               | 7                               | 6                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | 1          | 3         | 4                                 |                                 |
| St. Mary Newington             | -           | 21623   | 19                               | 9                                | 1                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | -                                 |                                 |
| St. Olave                      | WH          | 11866   | 5                                | 13                               | 2                               | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 5          | 5         | 10                                |                                 |
| Leather Market                 | -           | 15390   | 9                                | 10                               | 3                               | 2                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1                                 |                                 |
| St. Mary Magdalen              | W           | 15669   | 9                                | 5                                | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -                                 |                                 |
| St. James Bermondsey           | -           | 54683   | 43                               | 17                               | 6                               | 2                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Rotherhithe                    | WH          | 36024   | 22                               | 21                               | 3                               | 7                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 4                                 |                                 |
| Waterloo-road 1st              | H           | 15195   | 10                               | 4                                | 2                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Waterloo-road 2nd              | H           | 16381   | 16                               | 8                                | 5                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Lambeth Church 1st             | H           | 15776   | 15                               | 15                               | 1                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 11                                |                                 |
| Lambeth Church 2nd             | W & W       | 39859   | 34                               | 21                               | 6                               | 12                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -                                 |                                 |
| Kennington 1st                 | -           | 45232   | 29                               | 20                               | 7                               | 4                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | 1          | -         | 1                                 |                                 |
| Kennington 2nd                 | -           | 35832   | 28                               | 8                                | 3                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Brixton                        | W           | 62837   | 35                               | 26                               | 6                               | 5                                   | -           | -        | 1              | -           | 6               | -       | -                              | -                            | 1          | -         | -                                 |                                 |
| Norwood                        | W           | 15017   | 10                               | 4                                | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| East Battersea                 | -           | 54675   | 50                               | 25                               | 3                               | 6                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | 1          | 2         | 2                                 |                                 |
| West Battersea                 | W & H       | 55387   | 47                               | 36                               | 14                              | 11                                  | -           | -        | -              | -           | 5               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Clapham                        | H           | 26380   | 24                               | 8                                | 1                               | 3                                   | -           | -        | 1              | -           | 1               | -       | -                              | -                            | 1          | 1         | 1                                 |                                 |
| Wandsworth                     | WHL         | 28004   | 27                               | 20                               | 4                               | 8                                   | -           | -        | -              | -           | 4               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Putney                         | -           | 13235   | 6                                | 1                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Streatham                      | -           | 25553   | 18                               | 7                                | 2                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Dulwich                        | -           | 5590  | -                                | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Camberwell                     | W & L*      | 59104   | 26                               | 37                               | 1                               | 15                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 17                                |                                 |
| Peckham                        | W           | 71089   | 43                               | 30                               | 10                              | 6                                   | -           | -        | 1              | 1           | -               | -       | -                              | -                            | 1          | 2         | -                                 |                                 |
| St. George Camberwell          | -           | 50810   | 48                               | 16                               | 7                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| St. Paul Deptford              | W           | 76732   | 33                               | 30                               | 6                               | 7                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 3          | 5         | 4                                 |                                 |
| St. Nicholas Deptford          | -           | 7801  | 3                                | 1                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Greenwich West                 | H           | 21972   | 18                               | 10                               | 2                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -                                 |                                 |
| Greenwich East                 | WHH         | 24608   | 18                               | 15                               | 5                               | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 2         | 5                                 |                                 |
| Eltham                         | H           | 3043  | 4                                | 2                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Lee                            | H           | 21559   | 9                                | 10                               | 1                               | 5                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1                                 |                                 |
| Lewisham                       | WH          | 18665   | 8                                | 6                                | 1                               | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Sydenham                       | H           | 26076   | 24                               | 6                                | 1                               | 1                                   | -           | 1        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Charlton                       | H           | 10980   | 8                                | 10                               | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Woolwich Dockyard              | -           | 17617   | 12                               | 7                                | 1                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1                                 |                                 |
| Woolwich Arsenal               | HH          | 19048   | 19                               | 7                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -                                 |                                 |
| Plumstead, West                | H           | 14069   | 7                                | 8                                | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -                                 |                                 |
| Plumstead, East                | W           | 15241   | 19                               | 14                               | 7                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 2          | 2         | 1                                 |                                 |
| Metropolitan Asylum Hospitals: |             |   |                                  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                                   |                                 |
| Derford                        | W           | -   | -                                | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |
| Winchmore Hill                 | W           | -   | -                                | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1                                 |                                 |
| Plaistow                       | W           | -   | -                                | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                                 |                                 |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by \*:-

Marylebone Infirmary in Kensington Town sub-district.  
General London Sick Asylum in Tottenham Court-road sub-district.  
Holborn Infirmary in Upper Holloway sub-district.  
London City Workhouse " " Hoxton New Town sub-district.  
Holborn " " Mile End Old Town Eastern sub-dist.  
Whitechapel " " Mile End Old Town Eastern sub-dist.  
London City " " and Bromley sub-district.  
Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum " " West Battersea sub-district.  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 24th March, 1888.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS.      | Area in Acres, including Tidal Water and Fore-shore. | Enumerated Population, 1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                  |             |          |                |             |                 |        |            |           |                |                                |                    |
|---|----------------------------------|--|------------------------------|---------|---------|---|----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|--------------------------------|--------------------|
|   |                                  |  |                              |         |         | Deaths of                                 |                                  | Deaths from |          |                |             |                 |        |            |           | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes |
|   |                                  |  |                              |         |         | Infants under 1 Year of Age.              | Persons aged 60 Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |                |                                |                    |
| LONDON—OUTER RING                               |                                  | 370,924  | 950,957                      | 798     | 409     | 101                                       | 112                              | -           | 2        | 4              | 8           | 23              | 6      | 4          | 11        | 21             | 51                             |                    |
| 80:1  | Carshalton <i>wL</i>             | 12238  | 21118                        | 22      | 17      | 3   | 5                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 11                             |                    |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710                        | 4       | 4       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |                    |
| 37:1  | Godstone (part of)*              | 2754   | 1235                         | 1       | 2       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 38:1  | Croydon <i>WwHHL</i>             | 20851  | 101241                       | 70      | 41      | 11  | 12                               | -           | -        | -              | 1           | -               | 1      | -          | 2         | 3              | 11                             |                    |
| 2   | Mitcham <i>w†</i>                | 11097  | 17932                        | 14      | 8       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | 1         | 2              | -                              |                    |
| 39:1  | Wimbledon <i>HHH</i>             | 3220   | 15950                        | 15      | 8       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 2   | Kingston <i>WHH</i>              | 8549   | 38354                        | 19      | 13      | 3   | 7                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 5                              |                    |
| 3   | Esher (part of)*                 | 6801   | 9221                         | 11      | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 4   | Hampton <i>H</i>                 | 4573   | 13559                        | 10      | 5       | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 40:1  | Richmond <i>WH</i>               | 2373   | 21302                        | 17      | 8       | 2   | 4                                | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | 2                              |                    |
| 2   | Mortlake                         | 2941   | 12331                        | 5       | 4       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 41:1  | Bromley (pt. of)* <i>HH</i>      | 16669  | 31142                        | 25      | 14      | 1   | 4                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844                        | 6       | 4       | -   | 1                                | -           | -        | -              | 1           | -               | -      | 1          | -         | -              | -                              |                    |
| 42:1  | Bexley <i>H</i>                  | 13437  | 24134                        | 10      | 4       | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 124:1   | Sunbury <i>w</i>                 | 11055  | 11685                        | 6       | 4       | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |                    |
| 2   | Staines <i>W</i>                 | 13277  | 12089                        | 5       | 3       | 1   | 1                                | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                              |                    |
| 125:1   | Hillingdon <i>WHH</i>            | 6029   | 10802                        | 9       | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |                    |
| 2   | Uxbridge                         | 6178   | 5225                         | 1       | 1       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 3   | Hayes <i>wHL</i>                 | 14587  | 11623                        | 5       | 9       | -   | 4                                | -           | -        | 1              | -           | -               | -      | -          | -         | -              | 4                              |                    |
| 126:1   | Isleworth <i>WHH</i>             | 7008   | 22727                        | 11      | 14      | 2   | 3                                | -           | -        | -              | 1           | 1               | -      | -          | 1         | 1              | 5                              |                    |
| 2   | Twickenham <i>H</i>              | 2477   | 12479                        | 6       | 6       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                              |                    |
| 3   | Brentford <i>HL</i>              | 4345   | 27649                        | 14      | 11      | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |                    |
| 4   | Chiswick                         | 1340   | 15975                        | 16      | 4       | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 5   | Acton <i>wH</i>                  | 6083   | 22876                        | 11      | 5       | 2   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 127:1   | Harrow <i>H</i>                  | 13809  | 12796                        | 10      | 6       | 1   | 4                                | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | -                              |                    |
| 2   | Edgware <i>H</i>                 | 6994   | 3749                         | 2       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 3   | Willesden                        | 4383   | 37453                        | 33      | 19      | 5   | 3                                | -           | 1        | -              | -           | -               | 2      | 1          | 1         | 1              | -                              |                    |
| 4   | Hendon <i>W</i>                  | 6382   | 10494                        | 12      | 4       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 128:1   | South Mimms                      | 15599  | 6391                         | 4       | 5       | -   | 3                                | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | -                              |                    |
| 2   | Barnet                           | 5433   | 10092                        | 7       | 2       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 3   | Finchley <i>HL</i>               | 4688   | 17615                        | 11      | 9       | 2   | 1                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 4                              |                    |
| 129:1   | Hornsey <i>H</i>                 | 3089   | 37078                        | 26      | 14      | 5   | 7                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                              |                    |
| 2   | Tottenham <i>H</i>               | 4642   | 46456                        | 66      | 22      | 9   | 6                                | -           | -        | -              | -           | -               | -      | -          | -         | 2              | -                              |                    |
| 3   | Edmonton <i>Ww†</i>              | 7483   | 23463                        | 22      | 9       | 2   | 3                                | -           | -        | -              | -           | 3               | -      | -          | -         | -              | 2                              |                    |
| 4   | Enfield <i>WH</i>                | 12653  | 19104                        | 34      | 9       | 1   | 3                                | -           | -        | -              | 2           | 1               | -      | -          | -         | -              | 1                              |                    |
| 5   | Waltham Abbey                    | 11017  | 8363                         | 6       | 4       | 2   | 2                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                              |                    |
| 6   | Cheshunt                         | 8460   | 7735                         | 9       | 5       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 135:1   | Hatfield (part of)*              | 3806   | 583                          | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 137:1   | Bushey                           | 9331   | 6621                         | 1       | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 136:1   | Stratford                        | 382  | 38606                        | 27      | 10      | 3   | 2                                | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 2   | West Ham <i>wvwvH‡</i>           | 7351   | 101033                       | 121     | 52      | 18  | 5                                | -           | -        | -              | -           | 4               | 2      | -          | 2         | 3              | -                              |                    |
| 3   | Leyton <i>WwL</i>                | 4372   | 32450                        | 31      | 24      | 13  | 6                                | -           | -        | -              | -           | 5               | -      | -          | -         | -              | 4                              |                    |
| 4   | Walthamstow <i>H</i>             | 6590   | 28869                        | 31      | 8       | 3   | -                                | -           | -        | -              | 2           | -               | -      | -          | -         | -              | -                              |                    |
| 137:1   | Chigwell (part of)* <i>H</i>     | 11761  | 9693                         | 10      | 5       | 3   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |                    |
| 139:1   | Romford (part of)*               | 6730   | 3411                         | 2       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |
| 2   | Ilford                           | 3493   | 7645                         | 6       | 3       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |                    |
| 3   | Barking Town                     | 4127   | 9203                         | 9       | 3       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                    |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winesmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 24th March, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 19.5  | 1.9                                   | 2064                             | 462                                       | 570  | -           | 20       | 28                | 25          | 103                 | 17     | 10         | 75        | 416 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 20.2  | 1.9                                   | 1655                             | 361                                       | 458  | -           | 18       | 24                | 17          | 80                  | 11     | 6          | 64        | 365 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 17.1  | 2.0                                   | 400                              | 101                                       | 112  | -           | 2        | 4                 | 8           | 23                  | 6      | 4          | 11        | 51  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700,522 square miles, which is equivalent to the area of a circle having a radius of 14,933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,137 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                     |
|----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|--|
| CALCUTTA - -                     | 433,219                               | February 13                 | -                               | 252     | 30.3                               | Cholera 50; fevers 72.                             |
| BOMBAY - -                       | 773,196                               | " 28                        | 265                             | 361     | 21.3                               | Small-pox 10; fevers 88.                           |
| MADRAS - -                       | 398,777                               | " 17                        | 275                             | 314     | 41.1                               | Fevers 89; cholera 7; diarrhoeal diseases 54.      |
| PARIS - -                        | 2,260,945                             | March 17                    | 1284                            | 1155    | 26.8                               | Typh. fev. 12; diph. and croup 42; measles 24.     |
| BRUSSELS - - (with 8 Faubourgs.) | 454,410                               | " 10                        | 283                             | 200     | 22.5                               | Typh. and typh. fev. 2; whooping-cough 2.          |
| AMSTERDAM -                      | 389,916                               | " 17                        | 260                             | 185     | 24.6                               | Croup 6; whooping-cough 4.                         |
| ROTTERDAM -                      | 193,660                               | " 17                        | 135                             | 91      | 24.9                               | -  |
| THE HAGUE -                      | 149,410                               | " 17                        | 123                             | 61      | 21.2                               | Whooping-cough 3.                                  |
| COPENHAGEN -                     | 300,000                               | " 6                         | 206                             | 185     | 23.5                               | Diphtheria and croup 9; scar. fev. 6; measles 5.   |
| STOCKHOLM -                      | 216,807                               | " 10                        | 182                             | 83      | 19.9                               | Scarlet fev. 4; whooping-cough 4.                  |
| CHRISTIANIA -                    | 134,000                               | " 17                        | 51                              | 62      | 23.6                               | Diphtheria and croup 4; measles 2.                 |
| ST. PETERSBURG                   | 928,016                               | " 10                        | -                               | 588     | 33.1                               | Typhus & typhd. fev. 13; scar. fev. 13; diph. 10.  |
| BERLIN - -                       | 1,413,603                             | " 3                         | 895                             | 530     | 19.5                               | Diphtheria 37; whooping-cough 5; measles 4.        |
| HAMBURG (State)                  | 529,091                               | " 10                        | 399                             | 268     | 26.4                               | Diph. & croup 10; meas. 15; typh. & typhd. fev. 8. |
| DRESDEN - -                      | 259,142                               | " 3                         | 154                             | 112     | 22.5                               | Diphtheria and croup 3.                            |
| BRESLAU - -                      | 308,105                               | " 10                        | 216                             | 148     | 25.4                               | Diphtheria 6; whooping-cough 2.                    |
| MUNICH - -                       | 275,000                               | " 10                        | 204                             | 172     | 32.5                               | Diphtheria and croup 6; scar. fev. 3; wh.-cgh. 3.  |
| VIENNA - -                       | 800,836                               | " 10                        | 530                             | 471     | 30.6                               | Sm.-pox 15; scar. fev. 6; diphtheria 6.            |
| PRAGUE - -                       | 295,857                               | " 17                        | -                               | -       | -                                  | -  |
| BUDA-PESTH -                     | 442,787                               | " 10                        | 361                             | 303     | 35.6                               | Typh. & typhd. fever 3; diphtheria 4.              |
| TRIESTE - -                      | 156,042                               | " 10                        | -                               | 120     | 40.0                               | Whooping-cough 2.                                  |
| ROME - -                         | 382,973                               | February 11                 | 258                             | 242     | 33.0                               | Small-pox 4; typhoid fever 3.                      |
| TURIN (10 days)-                 | 294,826                               | " 20                        | 250                             | 254     | 31.5                               | Small-pox 2; measles 2; diphtheria 3.              |
| VENICE - -                       | 150,502                               | March 10                    | 92                              | 95      | 32.9                               | Diarrhoeal diseases 10.                            |
| CAIRO - -                        | 374,888                               | " 1                         | 375                             | 232     | 32.3                               | Typh. fev. 16; whooping-cough 5; diarr. dis. 70.   |
| ALEXANDRIA -                     | 281,396                               | " 1                         | 206                             | 158     | 35.6                               | Typh. fev. 2; diarrhoeal diseases 36.              |
| NEW YORK - -                     | 1,493,000                             | " 3                         | -                               | 803     | 23.1                               | Diphtheria 42; scarlet fever 28.                   |
| BROOKLYN - -                     | 774,870                               | " 3                         | -                               | 358     | 24.1                               | Diphtheria 23; scarlet fever 10; croup 6.          |
| PHILADELPHIA -                   | 1,016,758                             | " 3                         | -                               | 408     | 20.9                               | Typh. fev. 12; scar. fev. 8; diph. 4; wh.-cough 5. |
| BALTIMORE - -                    | 437,155                               | " 3                         | -                               | 186     | 22.2                               | Meas. 13; wh.-cough 2; diphtheria 2.               |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 24TH MARCH, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.<br><br>MONTH AND DAY. |  | Phases of the Moon. | TEMPERATURE.    |               |              |              |             | TEMPERATURE.      |   |               |   |               | TEMPERATURE.  |   |      |                    |                | Wind as deduced from Anemometers. |                   |   |   |      | Rain collected in a Gauge whose surface receiving 5 inches above the Ground. | Ozone.   |          |          |      |      |
|-----------------------------|--|---------------------|-----------------|---------------|--------------|--------------|-------------|-------------------|---|---------------|---|---------------|---------------|---|------|--------------------|----------------|-----------------------------------|-------------------|---|---|------|--|----------|----------|----------|------|------|
|                             |  |                     | Baro-<br>meter. | Of the Air.   |              |              |             | Of the Dew Point. | Difference between the Air Temperature and Dew Point Temperature. |               | Degree of Humidity (Ratio equals 100°). | Of Radiation. |               | Of the Water of the Thames at Deptford. |      | General Direction. |                | Pressure on the Square Foot.      |                   | Robinson's.                                 |   |      |  |          |          |          |      |      |
|                             |  |                     |                 | High-<br>est. | Low-<br>est. | Daily Range. | Mean value. |                   | De-<br>parture from Average value.<br>30 years.                   | High-<br>est. |   | Low-<br>est.  | High-<br>est. | Low-<br>est.                            | A.M. | P.M.               | Great-<br>est. | Least.                            | Mean of 24 hours. | Horizontal Movement of the Air on each Day. | Departure from Average of the Air on each Day.<br>10 Years. |      |  |          |          |          |      |      |
|                             |  |                     |                 |               |              |              |             |                   |   |               |   |               |               |   |      |                    |                |                                   |                   |   |   |      |  |          |          |          |      |      |
| MARCH.                      |  |                     | SUN.            | 18            | 29.987       | 34.2         | 29.2        | 5.0               | 30.1  | 19.4          | 10.7                                    | 13.9          | 0             | 0                                       | 0    | 62                 | 53.4           | 26.6                              | 39.4              | 38.9  | NNE.  | 9.7  | 0.3  | 3.6      | 689      | +347     | 6.7  | in.  |
|                             |  |                     | MON.            | 19            | 29.817       | 34.6         | 27.5        | 7.1               | 30.3  | 22.3          | 8.0                                     | 11.5          | 0.8           | 0.6                                     | 0    | 70                 | 53.8           | 28.3                              | 38.0              | 36.9  | NNE.  | 12.5 | 0.2  | 4.3      | 700      | +389     | 4.5  | 0.09 |
|                             |  |                     | TUES.           | 20            | 29.843       | 34.6         | 29.3        | 5.3               | 31.9  | 27.5          | 4.4                                     | 6.0           | 0.6           | 0.6                                     | 0    | 83                 | 49.2           | 29.3                              | 37.0              | 36.7  | N. & NNE.   | 6.1  | 0.0  | 1.2      | 470      | +160     | 0.0  | 0.11 |
|                             |  |                     | WED.            | 21            | 30.055       | 44.1         | 29.5        | 14.6              | 36.1  | 30.6          | 5.5                                     | 11.0          | 2.7           | 0                                       | 80   | 101.6              | 23.6           | 36.3                              | 35.9              | N. & NNE.                                   | 7.5   | 0.0  | 1.0  | 373      | +64      | 0.0      | 0.00 |      |
|                             |  |                     | THURS.          | 22            | 29.085       | 46.4         | 27.5        | 18.9              | 37.6  | 35.0          | 2.6                                     | 7.0           | 0.0           | 0                                       | 91   | 39.8               | 21.6           | 36.1                              | 35.9              | ENE. S.E. & SW.                             | 1.2   | 0.0  | 0.1  | 250      | -87      | 1.0      | 0.03 |      |
|                             |  |                     | FRI.            | 23            | 29.157       | 43.4         | 36.1        | 7.3               | 37.8  | 37.3          | 0.5                                     | 1.9           | 0.0           | 0                                       | 98   | 54.1               | 35.1           | 37.2                              | 36.3              | SSW. & N.                                   | 1.7   | 0.0  | 0.2  | 273      | -32      | 3.0      | 0.23 |      |
|                             |  |                     | SAT.            | 24            | 29.218       | 47.2         | 33.4        | 13.8              | 39.9  | 33.1          | 5.8                                     | 12.6          | 0.5           | 0                                       | 79   | 104.6              | 32.5           | ..                                | ..                | S.E. & ENE.                                 | 2.2   | 0.0  | 0.1  | 182      | -120     | 1.5      | 0.21 |      |
| MEANS                       |  |                     | .               | .             | 29.683       | 40.6         | 30.4        | 10.3              | 34.7  | 29.3          | 5.4                                     | 9.1           | 1.1           | 80                                      | 68.8 | 27.9               | 37.3           | 36.8                              | 6 days.           | NNE.  | ..  | ..   | ..   | Sum 2906 | Sum +751 | Sum 0.66 | 2.4  |      |
| No. of Col.                 |  |                     | .               | .             | 4            | 5            | 8           | 7                 | 8   | 10            | 11                                      | 12            | 13            | 14                                      | 15   | 16                 | 17             | 18                                | 19                | 20  | 21  | 22   | 23   | 24       | 25       | 26       | 27   |      |

The height of the eastern of the barometer is 189 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.  
Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of correction deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean reading of the wet bulb thermometer, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.  
The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometer records for the 16 years ending 1875.  
In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.  
The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.  
The record of electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  
The numbers in column 25 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  
The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.  
The reading of the barometer increased from 29.88 in. at the beginning of the week to 30.01 in. by 3h. P.M. on the 18th; decreased to 29.73 in. by 9h. P.M. on the 19th; increased to 30.07 in. by 3h. P.M. on the 21st; decreased to 29.14 in. by 3h. P.M. on the 22nd; increased to 30.05 in. by 3h. P.M. on the 24th; and decreased to 29.66 in. by the end of the week.

| GENERAL REMARKS.  |      |
|---|------|
| Overcast in morning, and a little snow fell occasionally fine afterwards, with variable amounts of cloud. Bleak wind. |      |
| Overcast. Snow fell throughout evening. Bleak strong wind.  |      |
| Overcast. Snow fell throughout morning, and occasionally afterwards.  |      |
| A very fine day. Partially cloudy.  |      |
| Overcast generally. Thin rain fell frequently.  |      |
| Overcast. Frequent rain. Very gloomy about 11h. A.M.  |      |
| Overcast in morning; partially cloudy and fine till 3h. P.M.; overcast at night, and rain and snow fell heavily.      |      |
| Sum   | Sum  |
| 11.3  | 89.2 |
| 29  | 30   |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 13. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, MARCH 31. [Price 1½d.

General Register Office, Somerset House,  
3rd April, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·5 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.             | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|--------------------|--------------|-------------|-------------|-------------|
|              | Mar.<br>10.  | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. |                    | Mar.<br>10.  | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. |
| Birkenhead   | 22·4         | 20·9        | 24·0        | 15·1        | Liverpool -        | 27·1         | 20·1        | 22·4        | 22·4        |
| Birmingham   | 22·1         | 16·5        | 18·9        | 19·5        | London -           | 23·0         | 19·5        | 20·2        | 20·3        |
| Blackburn -  | 30·7         | 31·6        | 28·1        | 33·3        | Manchester -       | 31·3         | 24·7        | 30·4        | 26·4        |
| Bolton -     | 18·9         | 24·4        | 23·0        | 31·3        | Newcastle-on-Tyne* | 18·1         | 20·0        | 22·0        | 25·6        |
| Bradford*    | 17·7         | 22·7        | 18·4        | 21·3        | Norwich -          | 29·5         | 26·2        | 20·1        | 22·3        |
| Brighton -   | 16·1         | 20·4        | 19·6        | 19·1        | Nottingham*        | 20·3         | 19·4        | 21·7        | 21·7        |
| Bristol -    | 18·9         | 21·7        | 18·4        | 19·1        | Oldham -           | 27·9         | 21·5        | 21·1        | 21·5        |
| Cardiff*     | 23·4         | 27·4        | 15·4        | 18·3        | Plymouth -         | 28·2         | 26·9        | 37·6        | 25·5        |
| Derby -      | 15·2         | 17·9        | 23·8        | 21·7        | Portsmouth -       | 25·4         | 20·2        | 19·4        | 22·1        |
| Halifax -    | 15·0         | 24·1        | 16·3        | 22·8        | Preston -          | 22·2         | 27·8        | 26·3        | 33·4        |
| Huddersfield | 18·8         | 18·8        | 14·8        | 24·5        | Salford*           | 25·8         | 22·1        | 21·2        | 25·4        |
| Hull -       | 20·4         | 15·5        | 16·8        | 17·8        | Sheffield -        | 25·5         | 21·2        | 22·7        | 21·2        |
| Leeds -      | 22·6         | 19·3        | 21·5        | 22·3        | Sunderland -       | 17·4         | 22·2        | 19·4        | 23·7        |
| Leicester*   | 26·3         | 12·8        | 23·8        | 21·3        | Wolverhampton -    | 24·9         | 16·0        | 19·8        | 21·1        |

The highest annual death-rates from *measles* were 1·3 in Plymouth, 1·4 in Bradford and 1·6 in Nottingham; from *scarlet fever*, 0·7 in Bristol and 1·3 in Blackburn; from *whooping-cough*, 2·1 in Salford, 2·2 in Derby, and 3·1 in Blackburn; and from "*fever*," 1·1 in Derby. The 24 deaths from *diphtheria* in the twenty-eight towns included 15 in London, 3 in Norwich, 2 in Sunderland, and 2 in Newcastle-upon-Tyne. *Small-pox* caused 19 deaths in Sheffield, 3 in Blackburn, 2 in Nottingham, one in Bristol, one in Manchester, and one in Hull, but not one in London or in any of the twenty-one other large provincial towns.

## LONDON.

In LONDON† 2492 BIRTHS and 1668 DEATHS were registered. Allowing for increase of population, the births were 318, and the deaths 244, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 23·0, 19·5, and 20·2 in the three preceding weeks, was last week 20·3. During the thirteen weeks of last quarter the death-rate averaged 22·0 per 1000, and was 1·7 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1668 deaths included 17 from *measles*, 40 from *scarlet fever*, 15 from *diphtheria*, 93 from *whooping-cough*, one from *typhus*, 13 from *enteric fever*, 16

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



from diarrhoea and dysentery, and not one from small-pox, ill-defined forms of continued fever, or cholera; thus, 195 deaths were referred to these diseases, being 53 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 18. There were only 9 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last (against 15 at the end of the previous week), and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 22 and 18 in the two preceding weeks, further declined last week to 17, and were 35 below the corrected average; 4 belonged to Fulham, and 4 to Hackney sanitary areas. The deaths from *scarlet fever* rose from 25 and 24 in the two previous weeks to 40, and exceeded the corrected average by 12; 3 belonged to Paddington (including 2 at 44, Fernhead Road), 2 to Hammersmith, 2 to Chelsea, 4 to Westminster (including 2 from Peabody Buildings), 2 to Islington, 2 to St. George-in-the-East, 2 to Mile End Old Town, 3 to Lambeth, 4 to Camberwell, and 6 (including 4 from Mason's Court, Deptford) to Greenwich sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1087 scarlet fever patients (there were also 84 in the London Fever Hospital), against numbers declining in the seventeen preceding weeks from 2600 to 1107; 70 cases were admitted to the Metropolitan Asylum Hospitals during the week, showing a further decline from the numbers in recent weeks. The 15 deaths from *diphtheria* showed a further decline from recent weekly numbers, but were one above the corrected average; 2 belonged to Hackney, and 3 to Wandsworth sanitary areas. The fatal cases of *whooping-cough*, which had been 101, 92, and 80 in the three preceding weeks, rose again last week to 93, but were 9 below the corrected average; 6 belonged to Kensington, 4 to Hammersmith, 4 to Fulham, 8 to Hackney, 4 to Clerkenwell, and 8 to Greenwich sanitary areas. The 16 deaths attributed to *diarrhoea* and *dysentery* showed an increase of 10 upon the low number in the previous week, and exceeded the corrected average by 3.

The deaths referred to *enteric fever*, which had been 10 in each of the two preceding weeks, rose to 13 last week, but were 3 below the corrected average; 2 belonged to Fulham, 2 to Pancras, and 2 to Hackney sanitary areas. The fatal case of *typhus* was of a carman, aged 33 years, at 26, Ewald Road, Fulham, the disease being attributed by the certifying practitioner to the insanitary condition of the road as well as of the house. The Metropolitan Asylum Hospitals contained 133 cases of enteric fever, and not one of typhus, on Saturday last; 11 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 490, 459; and 457 in the three preceding weeks, were last week 460, and were 59 below the corrected average.

Different forms of violence caused 75 deaths; 71 were the result of negligence or accident, among which were 25 from fractures and contusions, 10 from burns and scalds, one from drowning, 3 from poison, and 22 of infants under one year of age from suffocation. The 25 deaths from fractures and contusions were thus caused:—7 by accident from vehicles in the street; 1 by accident on the railway; 5 by fall down stairs or steps; 1 by fall from bed; 1 by fall from window; 1 by fall from nurse's arms; 1 by fall from bicycle; 1 by fall of sugar-bag; 1 by blow or fall; 1 by fall in fit; 1 by fall (intoxicated); and 2 by injuries and 2 by fall, the causes of which were not stated. An inquest was held in each of these 25 cases. Two cases of suicide were registered, being 6 below the corrected average.

#### GREATER LONDON.

In Greater London 3166 births and 2109 deaths were registered, corresponding to annual rates of 29·9 and 19·9 per 1000 of the population. In the Outer Ring 41 deaths from whooping-cough, 5 from scarlet fever, 4 from diphtheria, and 4 from "fever," were registered. The fatal cases of whooping-cough included 11 in Edmonton and 10 in West Ham registration districts. Three deaths from scarlet fever were returned in Kingston sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 28·98 in.; the lowest reading was 28·57 in. on Wednesday afternoon, and the highest 29·80 in. at the end of the week. The mean temperature of the *air* was 40°·0, and 3°·4 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed a slight excess on Thursday but was below the average on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 11·1 miles per hour, which was 1·3 miles below the average in the corresponding weeks of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 0·87 of an inch. The duration of registered bright sunshine in the week was 11·2 hours, against 13·4 hours at Glyndo Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGICAL RECORDS IN 28 GREAT TOWNS, during the week ending 31st March, 1888.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | Registered during<br>the Week ending<br>Mar. 31st, 1888. |         |                                    | The Deaths registered in the Week include |            |          |                   |             |                     |                      |           |                |                                      | Annual Rate<br>per 1000<br>of the<br>population<br>corresponding<br>to the<br>Week's Deaths |                     |  |                                |  | TEMPERATURE OF THE AIR. |            |                      |          |                   | RAINFALL.      |                     | CITIES<br>AND<br>BOROUGHES. |
|-----------------------------|---|--|---------|------------------------------------|---|------------|----------|-------------------|-------------|---------------------|----------------------|-----------|----------------|--------------------------------------|---|---------------------|--|--------------------------------|--|-------------------------|------------|----------------------|----------|-------------------|----------------|---------------------|-----------------------------|
|                             |   | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age. | Persons aged<br>60 Years<br>and upwards.  | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Peyer.<br>Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unclassified<br>Causes of Death.  | From All<br>Causes. | From<br>Diseases<br>of 6-12<br>Months. | TEMPERATURE OF THE AIR.        |  |                         | In Inches. | In Centi-<br>metres. |          |                   |                |                     |                             |
|                             |   |  |         |                                    |   |            |          |                   |             |                     |                      |           |                |                                      |   |                     |  | Deaths of<br>1 Year of<br>Age. | Persons aged<br>60 Years<br>and upwards. | Small-pox.              |            |                      | Measles. | Scarlet<br>Fever. | Diphtheria.    | Whooping-<br>cough. |                             |
| Cols.                       | 1.  | 2.   | 3.      | 4.                                 | 5.  | 6.         | 7.       | 8.                | 9.          | 10.                 | 11.                  | 12.       | 13.            | 14.                                  | 15.   | 16.                 | 17.                                    | 18.                            | 19.                                      | 20.                     | 21.        | 22.                  | 23.      | 24.               | Cols.          |                     |                             |
| 28 TOWNS*                   | 9,398,273   | 5564   | 3881    | 913                                | 926                                       | 27         | 42       | 63                | 24          | 166                 | 35                   | 31        | 136            | 236                                  | 700   | 78                  | 21.5                                   | 2.2                            | 54.5                                     | 23.8                    | 37.2       | 2.89                 | 0.98     | 2.49              | - 28 TOWNS.    |                     |                             |
| LONDON*                     | 4,282,921   | 2492   | 1068    | 266                                | 398                                       | -          | 17       | 40                | 15          | 93                  | 14                   | 16        | 75             | 129                                  | 376   | 16                  | 20.3                                   | 2.4                            | 52.1                                     | 31.5                    | 40.0       | 4.44                 | 0.87     | 2.21              | LONDON.        |                     |                             |
| BRIGHTON                    | 119,983   | 53   | 44      | 7                                  | 10  | -          | -        | -                 | 1           | 3                   | -                    | -         | 2              | 1                                    | 9   | -                   | 19.1                                   | 2.2                            | 47.0                                     | 32.3                    | 38.6       | 3.67                 | 1.00     | 2.54              | BRIGHTON.      |                     |                             |
| PORTSMOUTH                  | 189,575   | 101  | 59      | 17                                 | 17  | -          | -        | -                 | -           | -                   | -                    | -         | -              | 2                                    | 8   | -                   | 22.1                                   | 0.7                            | -  | -                       | -          | -                    | -        | -                 | PORTSMOUTH.    |                     |                             |
| NORWICH                     | 93,675  | 71   | 40      | 5                                  | 15  | -          | -        | -                 | -           | -                   | -                    | -         | -              | 1                                    | 3   | -                   | 22.3                                   | 1.7                            | -  | -                       | -          | -                    | -        | -                 | NORWICH.       |                     |                             |
| PLYMOUTH                    | 77,674  | 41   | 38      | 5                                  | 10  | -          | 2        | -                 | -           | -                   | -                    | -         | -              | 1                                    | 3   | -                   | 25.5                                   | 2.0                            | 48.7                                     | 33.0                    | 39.1       | 3.94                 | 1.84     | 4.67              | PLYMOUTH.      |                     |                             |
| BRISTOL                     | 226,510   | 131  | 83      | 18                                 | 20  | 1          | 1        | 3                 | -           | -                   | -                    | -         | -              | 1                                    | 4   | -                   | 21.1                                   | 1.9                            | 49.2                                     | 26.0                    | 38.1       | 3.39                 | 1.26     | 3.20              | BRISTOL.       |                     |                             |
| WOLVERHAMPTON               | 81,691  | 41   | 33      | 4                                  | 8   | -          | -        | 1                 | -           | -                   | -                    | -         | -              | 1                                    | 4   | -                   | 21.1                                   | 1.9                            | 50.2                                     | 23.8                    | 34.8       | 1.56                 | 0.77     | 1.96              | WOLVERHAMPTON. |                     |                             |
| BIRMINGHAM                  | 447,912   | 271  | 167     | 45                                 | 82  | -          | 5        | -                 | -           | 6                   | 2                    | -         | 9              | 13                                   | 22  | 6                   | 19.5                                   | 1.5                            | -  | -                       | -          | -                    | -        | -                 | BIRMINGHAM.    |                     |                             |
| LEICESTER*                  | 146,790   | 89   | 60      | 13                                 | 15  | -          | 1        | -                 | -           | 3                   | 1                    | -         | -              | 3                                    | 6   | -                   | 21.3                                   | 1.8                            | 54.5                                     | 24.0                    | 37.4       | 3.00                 | 0.48     | 1.22              | LEICESTER.     |                     |                             |
| NOTTINGHAM*                 | 230,921   | 123  | 96      | 28                                 | 24  | 2          | 7        | -                 | -           | 1                   | 1                    | 4         | 1              | 5                                    | 11  | 2                   | 21.7                                   | 3.4                            | 49.6                                     | 25.7                    | 33.7       | 2.06                 | 0.74     | 1.88              | NOTTINGHAM.    |                     |                             |
| DERBY                       | 96,241  | 52   | 40      | 7                                  | 16  | -          | -        | -                 | -           | 4                   | 2                    | -         | 1              | 2                                    | 9   | -                   | 21.7                                   | 3.3                            | -  | -                       | -          | -                    | -        | -                 | DERBY.         |                     |                             |
| BIRMINGHAM                  | 100,063   | 60   | 29      | 6                                  | 7   | -          | -        | -                 | -           | 1                   | -                    | -         | 3              | 4                                    | 2   | -                   | 15.1                                   | 1.0                            | -  | -                       | -          | -                    | -        | -                 | BIRMINGHAM.    |                     |                             |
| LIVERPOOL                   | 569,738   | 331  | 258     | 55                                 | 55  | -          | -        | 4                 | -           | 13                  | 2                    | 1         | 9              | 10                                   | 48  | 9                   | 22.4                                   | 1.7                            | 51.4                                     | 30.0                    | 37.2       | 2.89                 | 0.54     | 1.37              | LIVERPOOL.     |                     |                             |
| BOLTON                      | 113,506   | 64   | 68      | 15                                 | 19  | -          | -        | -                 | -           | 3                   | 1                    | 1         | -              | 2                                    | 3   | 3                   | 31.3                                   | 2.3                            | -  | -                       | -          | -                    | -        | -                 | BOLTON.        |                     |                             |
| MANCHESTER                  | 378,164   | 287  | 191     | 44                                 | 51  | 1          | 1        | 3                 | -           | 5                   | 1                    | -         | 4              | 11                                   | 43  | 6                   | 26.4                                   | 1.5                            | -  | -                       | -          | -                    | -        | -                 | MANCHESTER.    |                     |                             |
| SALFORD*                    | 225,336   | 130  | 110     | 32                                 | 15  | -          | 4        | 2                 | -           | 9                   | 2                    | 1         | 2              | 3                                    | 15  | 5                   | 25.4                                   | 3.2                            | -  | -                       | -          | -                    | -        | -                 | SALFORD.       |                     |                             |
| OLDHAM                      | 138,220   | 92   | 57      | 12                                 | 9   | -          | -        | 1                 | 1           | 1                   | -                    | -         | 1              | 1                                    | 9   | 1                   | 21.5                                   | 1.1                            | -  | -                       | -          | -                    | -        | -                 | OLDHAM.        |                     |                             |
| BLACKBURN                   | 119,039   | 63   | 76      | 23                                 | 19  | 3          | -        | 3                 | -           | 7                   | -                    | -         | 1              | 2                                    | 12  | 1                   | 33.3                                   | 6.1                            | -  | -                       | -          | -                    | -        | -                 | BLACKBURN.     |                     |                             |
| PRESTON                     | 103,234   | 82   | 66      | 20                                 | 21  | -          | -        | -                 | -           | -                   | -                    | -         | 2              | 2                                    | 15  | 3                   | 33.4                                   | -                              | -  | -                       | -          | -                    | -        | -                 | PRESTON.       |                     |                             |
| HUDDERSFIELD                | 91,419  | 46   | 43      | 10                                 | 17  | -          | -        | -                 | -           | 1                   | -                    | -         | 1              | 1                                    | 4   | 1                   | 24.5                                   | 1.7                            | -  | -                       | -          | -                    | -        | -                 | HUDDERSFIELD.  |                     |                             |
| HAULFAX                     | 80,138  | 42   | 35      | 8                                  | 10  | -          | -        | -                 | -           | -                   | -                    | -         | 2              | 3                                    | 4   | 2                   | 22.8                                   | 0.7                            | -  | -                       | -          | -                    | -        | -                 | HAULFAX.       |                     |                             |
| BRADFORD*                   | 228,721   | 119  | 94      | 22                                 | 18  | -          | 6        | 1                 | -           | 1                   | -                    | -         | 2              | 6                                    | 6   | 4                   | 21.3                                   | 2.0                            | 46.2                                     | 30.0                    | 36.5       | 2.50                 | 0.71     | 1.80              | BRADFORD.      |                     |                             |
| LEEDS                       | 351,210   | 240  | 150     | 47                                 | 35  | -          | -        | 1                 | -           | 8                   | -                    | -         | 4              | 8                                    | 14  | -                   | 22.3                                   | 1.3                            | -  | -                       | -          | -                    | -        | -                 | LEEDS.         |                     |                             |
| SHEFFIELD                   | 321,711   | 187  | 131     | 40                                 | 27  | 19         | -        | 2                 | -           | 5                   | 1                    | 1         | 2              | 2                                    | 17  | 13                  | 21.2                                   | 4.5                            | -  | -                       | -          | -                    | -        | -                 | SHEFFIELD.     |                     |                             |
| HULL                        | 202,359   | 113  | 69      | 13                                 | 18  | 1          | -        | -                 | -           | 1                   | 1                    | 1         | 1              | 2                                    | 3   | 14                  | 2                                      | 17.8                           | 0.8                                      | 46.0                    | 27.0       | 36.3                 | 2.39     | 0.30              | 0.76           | HULL.               |                             |
| SUNDERLAND                  | 131,919   | 76   | 60      | 14                                 | 13  | -          | -        | -                 | -           | -                   | -                    | -         | 3              | 4                                    | 10  | 1                   | 23.7                                   | 0.8                            | -  | -                       | -          | -                    | -        | -                 | SUNDERLAND.    |                     |                             |
| NEWCASTLE*                  | 169,003   | 111  | 78      | 26                                 | 12  | -          | -        | -                 | -           | -                   | -                    | -         | 2              | 5                                    | 13  | 1                   | 25.6                                   | 1.3                            | 45.0                                     | 30.0                    | 35.5       | 1.94                 | 2.76     | 7.01              | NEWCASTLE.     |                     |                             |
| CARDIFF*                    | 168,570   | 106  | 38      | 11                                 | 6   | -          | 1        | -                 | -           | -                   | -                    | -         | 3              | 4                                    | 3   | -                   | 18.3                                   | 1.4                            | -  | -                       | -          | -                    | -        | -                 | CARDIFF.       |                     |                             |
| EDINBURGH                   | 263,753   | 157  | 115     | 20                                 | 29  | -          | 3        | -                 | 4           | 2                   | 2                    | 1         | 3              | ?                                    | 21  | 34                  | 22.8                                   | 2.2                            | 44.0                                     | 24.0                    | 34.2       | 1.22                 | 1.94     | 4.03              | EDINBURGH.     |                     |                             |
| GLASGOW                     | 526,088   | 319  | 277     | 61                                 | 45  | -          | 2        | 4                 | 2           | 12                  | 1                    | 2         | 10             | 9                                    | 34  | 32                  | 27.5                                   | 2.3                            | 47.0                                     | 23.1                    | 36.3       | 2.39                 | 0.79     | 2.01              | GLASGOW.       |                     |                             |
| DUBLIN                      | 353,962   | 237  | 211     | 44                                 | 60  | -          | 3        | 2                 | 1           | 8                   | 1                    | -         | 5              | 5                                    | 75  | 22                  | 31.2                                   | 2.2                            | 49.0                                     | 25.3                    | 37.6       | 3.11                 | 0.93     | 2.36              | DUBLIN.        |                     |                             |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTEENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2391 | 2349 | 2492 | 2608 | 2647 | 2714 | 2732 | 2404 | 2698 | 2736 | 2810.2   | 2492 |
| Males . .           | 1210 | 1196 | 1279 | 1329 | 1330 | 1345 | 1336 | 1247 | 1359 | 1379 | 1424.1   | 1238 |
| Females . .         | 1181 | 1153 | 1213 | 1279 | 1317 | 1369 | 1346 | 1157 | 1339 | 1357 | 1386.1   | 1204 |
| <b>TOTAL Deaths</b> | 1766 | 2078 | 1732 | 1547 | 1655 | 2148 | 1573 | 1701 | 1745 | 1588 | 1911.9   | 1668 |
| Males . .           | 894  | 1044 | 909  | 830  | 788  | 1039 | 829  | 852  | 876  | 806  | 972.4  | 828  |
| Females . .         | 872  | 1034 | 823  | 717  | 867  | 1059 | 744  | 849  | 869  | 782  | 939.5  | 840  |

\* The numbers in this column are the average weekly numbers in the thirteenth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | Jan.<br>7. | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. |     |
|--|---|--------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-----|
| TOTAL Births                                 | - | -            | 2845       | 2556        | 2688        | 2715        | 2688       | 2830        | 2569        | 2473        | 2778       | 2583        | 2629        | 2522        | 2492        |     |
| TOTAL Deaths                                 | - | -            | 1868       | 1940        | 2000        | 1816        | 1894       | 1838        | 1689        | 1772        | 1794       | 1886        | 1604        | 1655        | 1663        |     |
| 0-20   | - | -            | 860        | 815         | 872         | 849         | 907        | 807         | 763         | 772         | 795        | 811         | 698         | 715         | 747         |     |
| 20-40  | - | -            | 202        | 257         | 228         | 215         | 210        | 205         | 178         | 199         | 215        | 223         | 201         | 197         | 183         |     |
| 40-60  | - | -            | 341        | 327         | 386         | 304         | 319        | 293         | 300         | 331         | 313        | 300         | 275         | 285         | 340         |     |
| 60-80  | - | -            | 379        | 441         | 417         | 366         | 368        | 440         | 353         | 338         | 391        | 465         | 353         | 384         | 329         |     |
| at 80 years & upwds.                         | - | -            | 86         | 100         | 97          | 82          | 90         | 93          | 95          | 82          | 80         | 87          | 77          | 74          | 69          |     |
| Deaths of children                           | { | Under 1 year | -          | 387         | 367         | 403         | 394        | 413         | 394         | 360         | 351        | 371         | 424         | 332         | 361         | 366 |
| 1-5  |   | -            | 351        | 337         | 349         | 353         | 366        | 310         | 304         | 320         | 302        | 281         | 274         | 254         | 273         |     |
| 5-20   |   | -            | 122        | 111         | 120         | 102         | 128        | 103         | 99          | 101         | 122        | 106         | 92          | 100         | 108         |     |
| Deaths from Small-pox                        | - | -            | -          | 1           | -           | -           | -          | -           | 1           | -           | -          | 2           | -           | -           | -           |     |
| "    Measles                                 | - | -            | 25         | 25          | 14          | 16          | 18         | 15          | 14          | 18          | 15         | 21          | 22          | 18          | 17          |     |
| "    Scarlet fever                           | - | -            | 37         | 25          | 42          | 29          | 39         | 36          | 30          | 32          | 27         | 29          | 25          | 24          | 40          |     |
| "    Diphtheria                              | - | -            | 28         | 16          | 22          | 29          | 29         | 40          | 13          | 30          | 24         | 24          | 22          | 17          | 15          |     |
| "    Whooping-cough                          | - | -            | 120        | 152         | 138         | 168         | 177        | 153         | 122         | 127         | 94         | 101         | 92          | 80          | 93          |     |
| "    Typhus                                  | - | -            | 1          | -           | -           | -           | -          | -           | -           | -           | -          | -           | 1           | 1           | 1           |     |
| "    Enteric fever                           | - | -            | 28         | 22          | 26          | 13          | 26         | 12          | 18          | 16          | 15         | 20          | 10          | 10          | 13          |     |
| "    Simple Cont <sup>d</sup> fever          | - | -            | 2          | 1           | 1           | 1           | 3          | 1           | -           | -           | -          | -           | 1           | -           | -           |     |
| "    Diarrhoea and<br>Dysentery              | - | -            | 12         | 11          | 15          | 11          | 15         | 12          | 8           | 8           | 10         | 17          | 10          | 6           | 16          |     |
| "    Cholera                                 | - | -            | -          | -           | -           | -           | -          | -           | -           | 1           | -          | -           | -           | -           | -           |     |
| Deaths from the above-<br>mentioned Diseases | - | -            | 253        | 253         | 253         | 267         | 307        | 269         | 211         | 232         | 185        | 214         | 183         | 156         | 195         |     |
| "    Dis. of Respira-<br>tory System         | - | -            | 502        | 579         | 591         | 534         | 516        | 504         | 437         | 478         | 488        | 490         | 459         | 457         | 460         |     |
| "    Phthisis                                | - | -            | 161        | 187         | 153         | 154         | 159        | 149         | 131         | 170         | 165        | 159         | 140         | 144         | 155         |     |
| "    Dis. of Circula-<br>tory System         | - | -            | 166        | 160         | 179         | 143         | 154        | 163         | 127         | 134         | 137        | 161         | 137         | 133         | 130         |     |
| Violent Deaths                               | - | -            | 65         | 69          | 78          | 59          | 55         | 58          | 39          | 62          | 65         | 51          | 58          | 64          | 75          |     |
| Inquest Cases                                | - | -            | 156        | 146         | 155         | 127         | 131        | 119         | 88          | 107         | 149        | 123         | 116         | 120         | 129         |     |
| Deaths in Public Institutions                | - | -            | 366        | 456         | 413         | 381         | 388        | 408         | 358         | 405         | 379        | 424         | 355         | 365         | 376         |     |
| TEMPERATURE OF THE AIR                       |   |              |            |             |             |             |            |             |             |             |            |             |             |             |             |     |
| Mean   | - | -            | 40.2       | 38.1        | 34.7        | 40.7        | 33.7       | 43.6        | 34.1        | 29.8        | 31.5       | 42.6        | 37.2        | 34.7        | 40.0        |     |
| Mean of Highest readings                     | - | -            | 44.8       | 41.4        | 37.5        | 44.6        | 38.8       | 48.4        | 38.1        | 33.9        | 35.9       | 48.8        | 43.2        | 40.6        | 47.5        |     |
| Mean of Lowest readings                      | - | -            | 35.4       | 34.3        | 30.7        | 36.8        | 27.6       | 38.9        | 31.1        | 25.9        | 27.5       | 36.9        | 32.7        | 30.4        | 34.5        |     |
| Humidity of the Air                          | - | -            | 88         | 97          | 86          | 83          | 78         | 83          | 82          | 76          | 76         | 79          | 81          | 80          | 87          |     |
| Rain-fall in inches                          | - | -            | 0.40       | 0.02        | 0.21        | 0.10        | 0.17       | 0.26        | 0.38        | 0.21        | 0.02       | 0.30        | 0.95        | 0.66        | 0.87        |     |
| Registered Sunshine (in hours)               | - | -            | 4.1        | 0.0         | 2.5         | 3.0         | 11.1       | 1.8         | 5.6         | 6.0         | 10.4       | 6.5         | 10.8        | 11.3        | 11.2        |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—P. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McInlandsborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTEENTH Week of the Year 1888.

| CAUSES OF DEATH.                           | Corrected Averages for the 13th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 31st March 1888. |           |                  |                  |                  |                       |           | Corrected Averages for the 13th Weeks of the 10 years 1878-87.* | CAUSES OF DEATH.  | Corrected Averages for the 13th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 31st March 1888. |                  |                  |                  |                       |           |           | Corrected Averages for the 13th Weeks of the 10 years 1878-87.* | CAUSES OF DEATH. | Corrected Averages for the 13th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 31st March 1888. |                               |                  |                       |    |    |    |    |    |    |  |  |  |  |
|--|---|---|-----------|------------------|------------------|------------------|-----------------------|-----------|---|---|---|---|------------------|------------------|------------------|-----------------------|-----------|-----------|---|------------------|---|---|-------------------------------|------------------|-----------------------|----|----|----|----|----|----|--|--|--|--|
|  |   | Deaths of Persons of the Ages                 |           |                  |                  |                  |                       |           |   |   |   | Deaths of Persons of the Ages                 |                  |                  |                  |                       |           |           |   |                  |   |   | Deaths of Persons of the Ages |                  |                       |    |    |    |    |    |    |  |  |  |  |
|  |   | ALL AGES.                                     | Under 20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. | ALL AGES. |   |   |   | Under 20.                                     | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. | ALL AGES. | Under 20. |   |                  |   | 20 and under 40.                              | 40 and under 60.              | 60 and under 80. | 80 years and upwards. |    |    |    |    |    |    |  |  |  |  |
| ALL CAUSES - -                             | 1911.9  | 1668  | 363       | 273              | 103              | 183              | 340                   | 329       | 63  | Diseases of Organs of Special Sense † - -                 | 2.1   | 1   | -                | -                | 1                | -                     | -         | -         | -   | -                | -   | -   | 2.1                           | 1                | -                     | -  | 1  | -  | -  | -  | -  |  |  |  |  |
| Small-pox { Vaccinated † - -               | 13.3 {  | -   | -         | -                | -                | -                | -                     | -         | -   | Diseases of Circulatory System - - -                      | 125.2   | 130   | 3                | 2                | 11               | 16                    | 42        | 50        | 6   | -                | -   | -   | 125.2                         | 130              | 3                     | 2  | 11 | 16 | 42 | 50 | 6  |  |  |  |  |
| Unvaccinated † - -                         |   | -   | -         | -                | -                | -                | -                     | -         | -   | Croup - - -   | 14.8  | 11  | 1                | 7                | 3                | -                     | -         | -         | -   | -                | -   | -   | 14.8                          | 11               | 1                     | 7  | 3  | -  | -  | -  | -  |  |  |  |  |
| No Statement - - -                         |   | -   | -         | -                | -                | -                | -                     | -         | -   | Bronchitis - - -  | 320.7   | 303   | 66               | 57               | 4                | 6                     | 59        | 96        | 15  | -                | -   | -   | 320.7                         | 303              | 66                    | 57 | 4  | 6  | 59 | 96 | 15 |  |  |  |  |
| Measles - - -                              | 52.3  | 17  | 4         | 11               | 2                | -                | -                     | -         | -   | Pneumonia - - -   | 123.8   | 110   | 21               | 25               | 5                | 20                    | 21        | 17        | 1   | -                | -   | -   | 123.8                         | 110              | 21                    | 25 | 5  | 20 | 21 | 17 | 1  |  |  |  |  |
| Scarlat Fever - - -                        | 27.8  | 40  | 1         | 23               | 10               | 2                | 1                     | -         | -   | Pleurisy - - -  | 8.6   | 6   | -                | -                | 1                | 1                     | 2         | 1         | 1   | -                | -   | -   | 8.6                           | 6                | -                     | -  | 1  | 1  | 2  | 1  | 1  |  |  |  |  |
| Typhus - - -                               | 1.4   | 1   | -         | -                | -                | 1                | -                     | -         | -   | Other Diseases of Respiratory System - -                  | 45.6  | 30  | 3                | 3                | -                | 2                     | 14        | 7         | 1   | -                | -   | -   | 45.6                          | 30               | 3                     | 3  | -  | 2  | 14 | 7  | 1  |  |  |  |  |
| Relapsing Fever † - -                      | 0.0   | -   | -         | -                | -                | -                | -                     | -         | -   | Dentition † - - -   | 18.5  | 9   | 6                | 3                | -                | -                     | -         | -         | -   | -                | -   | -   | 18.5                          | 9                | 6                     | 3  | -  | -  | -  | -  | -  |  |  |  |  |
| Influenza - - -                            | 0.0   | -   | -         | -                | -                | -                | -                     | -         | -   | Quinsy, Sore Throat † -                                   | 2.6   | 5   | 1                | 2                | 1                | -                     | 1         | -         | -   | -                | -   | -   | 2.6                           | 5                | 1                     | 2  | 1  | -  | 1  | -  | -  |  |  |  |  |
| Whooping-cough - -                         | 101.7   | 93  | 35        | 54               | 4                | -                | -                     | -         | -   | Enteritis - - -   | 6.1   | 4   | 1                | -                | -                | -                     | -         | 1         | 1   | -                | -   | -   | 6.1                           | 4                | 1                     | -  | -  | -  | -  | 1  | 1  |  |  |  |  |
| Diphtheria - - -                           | 14.4  | 15  | -         | 5                | 9                | 1                | -                     | -         | -   | Peritonitis - - -   | 5.9   | 9   | 1                | 1                | 1                | 2                     | 3         | 1         | -   | -                | -   | -   | 5.9                           | 9                | 1                     | 1  | 1  | 2  | 3  | 1  | -  |  |  |  |  |
| Simple Continued and Ill-defined Fever - - | 1.9   | -   | -         | -                | -                | -                | -                     | -         | -   | Diseases of Liver - - -                                   | 31.5  | 18  | -                | -                | 1                | 1                     | 8         | 8         | -   | -                | -   | -   | 31.5                          | 18               | -                     | -  | 1  | 1  | 8  | 8  | -  |  |  |  |  |
| Enteric Fever - - -                        | 16.2  | 13  | -         | 2                | 4                | 5                | 1                     | 1         | -   | Other Diseases of Digestive System -                      | 28.5  | 33  | 8                | -                | 3                | 2                     | 10        | 9         | 1   | -                | -   | -   | 28.5                          | 33               | 8                     | -  | 3  | 2  | 10 | 9  | 1  |  |  |  |  |
| Cholera - - -                              | 0.1   | -   | -         | -                | -                | -                | -                     | -         | -   | Diseases of Lymphatic System & of Ductless Glands † - - - | 1.6   | 3   | -                | 1                | -                | -                     | 1         | 1         | -   | -                | -   | -   | 1.6                           | 3                | -                     | 1  | -  | -  | 1  | 1  | -  |  |  |  |  |
| Diarrhoea, Dysentery -                     | 13.4  | 16  | 10        | 2                | -                | -                | 2                     | 2         | -   | Diseases of Urinary System - - -                          | 43.8  | 48  | -                | 3                | 3                | 6                     | 23        | 12        | 1   | -                | -   | -   | 43.8                          | 48               | -                     | 3  | 3  | 6  | 23 | 12 | 1  |  |  |  |  |
| Remittent Fever † - -                      | 0.0   | -   | -         | -                | -                | -                | -                     | -         | -   | Diseases of Generative System - - -                       | 5.8   | 8   | -                | -                | 1                | 3                     | 3         | 1         | -   | -                | -   | -   | 5.8                           | 8                | -                     | -  | 1  | 3  | 3  | 1  | -  |  |  |  |  |
| Hydrophobia - - -                          | 0.2   | -   | -         | -                | -                | -                | -                     | -         | -   | Accidents of Childbirth -                                 | 5.3   | 1   | -                | -                | -                | 1                     | -         | -         | -   | -                | -   | -   | 5.3                           | 1                | -                     | -  | -  | 1  | -  | -  | -  |  |  |  |  |
| Glanders - - -                             | 0.0   | -   | -         | -                | -                | -                | -                     | -         | -   | Diseases of Locomotive System † - - -                     | 8.8   | 7   | 1                | -                | 5                | -                     | 1         | -         | -   | -                | -   | -   | 8.8                           | 7                | 1                     | -  | 5  | -  | 1  | -  | -  |  |  |  |  |
| Cowpox and Effects of Vaccination † - -    | 0.0   | -   | -         | -                | -                | -                | -                     | -         | -   | Diseases of Integumentary System - - -                    | 7.2   | 5   | 1                | -                | -                | -                     | 3         | -         | 1   | -                | -   | -   | 7.2                           | 5                | 1                     | -  | -  | -  | 3  | -  | 1  |  |  |  |  |
| Venerical Affections -                     | 12.3  | 15  | 10        | -                | -                | 2                | 2                     | 1         | -   | VIOLENT DEATHS. ‡   | -   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | -                             | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Erysipelas - - -                           | 6.1   | 6   | 2         | -                | -                | 1                | 3                     | -         | -   | ACCIDENT.)  | -   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | -                             | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Pyæmia and Septicæmia †                    | 2.8   | 3   | 1         | -                | -                | 1                | 1                     | -         | -   | Fracture and Contusion -                                  | 20.7  | 25  | 1                | 3                | 2                | 4                     | 11        | 4         | -   | -                | -   | -   | 20.7                          | 25               | 1                     | 3  | 2  | 4  | 11 | 4  | -  |  |  |  |  |
| Puerperal Fever - - -                      | 6.4   | 9   | -         | -                | 2                | 6                | 1                     | -         | -   | Gunshot Wound - - -                                       | 0.9   | 1   | -                | 1                | -                | -                     | -         | -         | -   | -                | -   | -   | 0.9                           | 1                | -                     | 1  | -  | -  | -  | -  | -  |  |  |  |  |
| Other Zymotic Diseases †                   | 1.4   | 1   | -         | 1                | -                | -                | -                     | -         | -   | Cut. Stab - - -   | 0.5   | 1   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | 0.5                           | 1                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Thrush - - -                               | 1.5   | 1   | 1         | -                | -                | -                | -                     | -         | -   | Burn and Scald - - -                                      | 7.6   | 10  | 4                | 4                | -                | -                     | -         | 1         | -   | -                | -   | -   | 7.6                           | 10               | 4                     | 4  | -  | -  | -  | 1  | -  |  |  |  |  |
| Worms and other Parasitical Diseases - -   | 0.4   | -   | -         | -                | -                | -                | -                     | -         | -   | Poison - - -  | 1.6   | 3   | -                | -                | -                | -                     | 2         | 1         | -   | -                | -   | -   | 1.6                           | 3                | -                     | -  | -  | -  | 2  | 1  | -  |  |  |  |  |
| Starvation, Want of Breast-milk † - -      | 1.2   | 1   | 1         | -                | -                | -                | -                     | -         | -   | Drowning - - -  | 5.1   | 1   | 1                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | 5.1                           | 1                | 1                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Alcoholism - - -                           | 5.0   | 7   | -         | -                | -                | 4                | 3                     | -         | -   | Suffocation - - -   | 16.0  | 24  | 22               | 2                | -                | -                     | -         | -         | -   | -                | -   | -   | 16.0                          | 24               | 22                    | 2  | -  | -  | -  | -  | -  |  |  |  |  |
| Rheumatic Fever, Rheumatism of Heart †     | 9.2   | 11  | -         | 1                | 4                | 1                | 3                     | 2         | -   | Otherwise - - -   | 1.9   | 6   | 3                | -                | 1                | 2                     | -         | -         | -   | -                | -   | -   | 1.9                           | 6                | 3                     | -  | 1  | 2  | -  | -  | -  |  |  |  |  |
| Rheumatism † - - -                         | 3.5   | 4   | -         | -                | -                | 1                | 3                     | -         | -   | (HOMICIDE.)   | -   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | -                             | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Gout - - -                                 | 3.5   | 2   | -         | -                | -                | -                | 2                     | -         | -   | Murder & Manslaughter                                     | 2.6   | 2   | 1                | -                | -                | 1                     | -         | -         | -   | -                | -   | -   | 2.6                           | 2                | 1                     | -  | -  | 1  | -  | -  | -  |  |  |  |  |
| Rickets † - - -                            | 4.8   | 3   | 1         | 2                | -                | -                | -                     | -         | -   | (SUICIDE.)  | -   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | -                             | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Cancer - - -                               | 33.9  | 50  | -         | -                | -                | 4                | 25                    | 21        | -   | Gunshot Wound - - -                                       | 1.1   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | 1.1                           | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Tabes Mesenterica - -                      | 26.3  | 17  | 7         | 8                | 2                | -                | -                     | -         | -   | Cut. Stab - - -   | 1.3   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | 1.3                           | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Tubercular Meningitis -                    | 32.8  | 19  | 9         | 9                | 1                | -                | -                     | -         | -   | Poison - - -  | 1.7   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | 1.7                           | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Phthisis - - -                             | 197.5   | 155   | 2         | 6                | 12               | 72               | 54                    | 8         | 1   | Drowning - - -  | 0.8   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | 0.8                           | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Sorofula, Tuberculosis -                   | 19.1  | 14  | 3         | 4                | 5                | 2                | -                     | -         | -   | Hanging - - -   | 1.8   | 1   | -                | -                | -                | -                     | 1         | -         | -   | -                | -   | -   | 1.8                           | 1                | -                     | -  | -  | -  | 1  | -  | -  |  |  |  |  |
| Other Constitutional Diseases † - -        | 10.6  | 12  | -         | -                | 2                | 1                | 2                     | 7         | -   | Otherwise - - -   | 0.8   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | 0.8                           | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Premature Birth - - -                      | 33.9  | 26  | 26        | -                | -                | -                | -                     | -         | -   | (EXECUTION.)  | -   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | -                             | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Atelectasis † - - -                        | 2.5   | 2   | 2         | -                | -                | -                | -                     | -         | -   | Hanging - - -   | 0.1   | -   | -                | -                | -                | -                     | -         | -         | -   | -                | -   | -   | 0.1                           | -                | -                     | -  | -  | -  | -  | -  | -  |  |  |  |  |
| Congenital Malformations - -               | 8.9   | 6   | 4         | 2                | -                | -                | -                     | -         | -   | OTHER CAUSES † - -  | 57.4  | 47  | 41               | 1                | 1                | -                     | 1         | 3         | -   | -                | -   | -   | 57.4                          | 47               | 41                    | 1  | 1  | -  | 1  | 3  | -  |  |  |  |  |
| Old Age - - -                              | 63.8  | 51  | -         | -                | -                | 2                | 19                    | 39        | -   |   |   |   |                  |                  |                  |                       |           |           |   |                  |   |   |                               |                  |                       |    |    |    |    |    |    |  |  |  |  |
| Apoplexy - - -                             | 50.9  | 49  | 1         | -                | -                | 3                | 16                    | 24        | 5   |   |   |   |                  |                  |                  |                       |           |           |   |                  |   |   |                               |                  |                       |    |    |    |    |    |    |  |  |  |  |
| Epilepsy - - -                             | 7.2   | 11  | -         | 1                | 2                | 3                | 2                     | 3         | -   |   |   |   |                  |                  |                  |                       |           |           |   |                  |   |   |                               |                  |                       |    |    |    |    |    |    |  |  |  |  |
| Convulsions - - -                          | 51.0  | 57  | 47        | 10               | -                | -                | -                     | -         | -   |   |   |   |                  |                  |                  |                       |           |           |   |                  |   |   |                               |                  |                       |    |    |    |    |    |    |  |  |  |  |
| Other Diseases of Brain and Nervous System | 100.7   | 78  | 13        | 14               | 4                | 6                | 13                    | 23        | 2   |   |   |   |                  |                  |                  |                       |           |           |   |                  |   |   |                               |                  |                       |    |    |    |    |    |    |  |  |  |  |

NOTE. The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

|   |  | The DEATHS registered in the Week include         |  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |  |
|---|--|---|--|----------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------|--|
| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total DEATHS during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |  |
|   |  |   |  |                                  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes. |  |
| LONDON . . . . .  |  | 3,815,704   | 2492                                   | 1668                             | 366                             | 308                                 | -           | 17       | 40             | 15          | 93              | 1       | 13                             | -                            | 16         | 75        | 129            | 376                               | 10                  |  |
| WEST DISTRICTS . . . . .  |  | 669,693   | 392                                    | 332                              | 67                              | 79                                  | -           | 4        | 12             | 3           | 23              | 1       | 5                              | -                            | 4          | 13        | 24             | 74                                | 2                   |  |
| NORTH DISTRICTS . . . . .   |  | 905,947   | 522                                    | 345                              | 64                              | 90                                  | -           | 6        | 5              | 2           | 19              | -       | 5                              | -                            | 4          | 21        | 32             | 75                                | 1                   |  |
| CENTRAL DISTRICTS . . . . .   |  | 282,238   | 138                                    | 109                              | 14                              | 16                                  | -           | -        | 1              | 2           | 8               | -       | -                              | -                            | 1          | 4         | 10             | 38                                | 1                   |  |
| EAST DISTRICTS . . . . .  |  | 692,738   | 495                                    | 326                              | 77                              | 85                                  | -           | 5        | 7              | 1           | 13              | -       | 2                              | -                            | 4          | 15        | 25             | 85                                | 3                   |  |
| SOUTH DISTRICTS . . . . .   |  | 1,265,148   | 945                                    | 555                              | 144                             | 128                                 | -           | 2        | 14             | 7           | 30              | -       | 1                              | -                            | 3          | 22        | 38             | 103                               | 10                  |  |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -   | -                                      | 1                                | -                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                   |  |
| WEST DISTRICTS.   |  |   |  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |  |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69898   | 46                                     | 32                               | 9                               | 6                                   | -           | -        | -              | 3           | 1               | 2       | -                              | -                            | 2          | 2         | 3              | 4                                 | -                   |  |
| St. John Paddington H - - - G.J.  |  | 37330   | 8                                      | 17                               | 1                               | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 4          | 5         | 6              | -                                 | -                   |  |
| Kensington Town W - - - W.M.  |  | 120141  | 81                                     | 49                               | 10                              | 13                                  | -           | -        | -              | -           | 2               | -       | 1                              | -                            | 1          | 3         | 15             | -                                 | -                   |  |
| Brompton HH - - - W.M. & C.   |  | 43010   | 20                                     | 20                               | 4                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 4         | 3              | -                                 | -                   |  |
| St. Peter Hammersmith - - - W.M.  |  | 7899  | 5                                      | 6                                | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| St. Paul Hammersmith H W.M. & G.J.  |  | 63430   | 53                                     | 34                               | 6                               | 9                                   | -           | -        | 1              | -           | 4               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| Fulham W - - - W.M. & C.  |  | 42900   | 54                                     | 49                               | 10                              | 8                                   | -           | 4        | 5              | 1           | 4               | 1       | 2                              | -                            | 1          | -         | 13             | -                                 | -                   |  |
| Chelsea South HHH - - - C.  |  | 30398   | 6                                      | 9                                | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1                                 | -                   |  |
| Chelsea North-west WHHHHH - C.  |  | 24925   | 20                                     | 20                               | 2                               | 4                                   | -           | -        | 1              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | 8                                 | -                   |  |
| Chelsea North-east - - - C.   |  | 32807   | 16                                     | 16                               | 3                               | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 3              | -                                 | -                   |  |
| May Fair WW - - - G.J.  |  | 30353   | 10                                     | 12                               | 2                               | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 7                                 | -                   |  |
| Belgrave WHHH - - - C.  |  | 59220   | 28                                     | 23                               | 7                               | 5                                   | -           | -        | 1              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | 5                                 | -                   |  |
| St. John Westminster HHH - C.   |  | 35496   | 16                                     | 10                               | 3                               | 3                                   | -           | -        | 1              | -           | 2               | -       | 1                              | -                            | -          | 2         | 2              | -                                 | -                   |  |
| St. Margaret Westminster H - C.   |  | 24679   | 12                                     | 22                               | 3                               | 5                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 9              | -                                 | -                   |  |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941   | 10                                     | 6                                | 2                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| St. Anne Soho HHHHHH - N.R.   |  | 16608   | 7                                      | 7                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                   |  |
| NORTH DISTRICTS.  |  |   |  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |  |
| All Souls Marylebone HHHH - W.M.  |  | 26759   | 13                                     | 18                               | 2                               | 5                                   | -           | -        | -              | -           | 1               | -       | 1                              | -                            | 1          | 3         | 3              | 6                                 | -                   |  |
| Cavendish Square HHHH - W.M.  |  | 14391   | 3                                      | 5                                | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1                                 | -                   |  |
| Rectory Marylebone WH G.J. & W.M.   |  | 24909   | 8                                      | 8                                | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 1                                 | -                   |  |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118   | 23                                     | 11                               | 3                               | 3                                   | -           | -        | 1              | -           | 2               | -       | 1                              | -                            | 1          | 2         | -              | -                                 | -                   |  |
| Christchurch Marylebone H - W.M.  |  | 33700   | 24                                     | 17                               | 8                               | 5                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| St. John Marylebone H - W.M.  |  | 33633   | 13                                     | 8                                | 1                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| Hampstead WWHHHH N.R. & W.M.  |  | 45452   | 23                                     | 13                               | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | -                                 | -                   |  |
| Regent's Park Pancras H - W.M.  |  | 89115   | 14                                     | 7                                | 2                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                   |  |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729   | 11                                     | 12                               | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | 2              | 9                                 | -                   |  |
| Gray's Inn Lane HHH - N.R.  |  | 30247   | 9                                      | 13                               | 3                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 2                                 | -                   |  |
| Somers Town H - - - N.R.  |  | 34369   | 17                                     | 12                               | 4                               | 2                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | 2         | 4              | 18                                | -                   |  |
| Camden Town WH - - - N.R.   |  | 17311   | 11                                     | 21                               | 8                               | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 4              | 18                                | -                   |  |
| Kentish Town W - - - N.R.   |  | 87487   | 53                                     | 28                               | 3                               | 8                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                   |  |
| Upper Holloway WWH - - - N.R.   |  | 67946   | 54                                     | 34                               | 2                               | 10                                  | -           | -        | 1              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | 17                                | -                   |  |
| Islington South-west HH - - - N.R.  |  | 100976  | 70                                     | 31                               | 9                               | 8                                   | -           | -        | 2              | -           | 2               | -       | -                              | -                            | -          | 4         | 3              | 1                                 | -                   |  |
| Islington South-east - - - N.R.   |  | 61825   | 44                                     | 14                               | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                   |  |
| Highbury H - - - N.R.   |  | 82048   | 31                                     | 9                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                   |  |
| Stoke Newington H - - - N.R.  |  | 22781   | 9                                      | 12                               | -                               | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                   |  |
| Stamford Hill - - - E.L.  |  | 9277  | 6                                      | 6                                | 2                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| West Hackney - - - N.R.   |  | 37610   | 16                                     | 13                               | 2                               | 3                                   | -           | -        | 1              | -           | 2               | -       | 1                              | -                            | 1          | -         | -              | -                                 | -                   |  |
| Hackney WWHWH - - - E.L. & N.R.   |  | 79611   | 43                                     | 35                               | 6                               | 10                                  | -           | 1        | 1              | 1           | 4               | -       | 1                              | -                            | -          | 2         | 3              | 13                                | -                   |  |
| South Hackney - - - E.L.  |  | 39988   | 24                                     | 13                               | 2                               | 5                                   | -           | 2        | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 2              | -                                 | -                   |  |
| CENTRAL DISTRICTS.  |  |   |  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |  |
| St. George Bloomsbury - - - N.R.  |  | 16631   | 4                                      | 5                                | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| St. Giles South WH - - - N.R.   |  | 14894   | 9                                      | 7                                | 1                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 3                                 | -                   |  |
| St. Giles North - - - N.R.  |  | 13837   | 2                                      | 2                                | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                   |  |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17506   | 6                                      | 7                                | 2                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -              | 1                                 | -                   |  |
| St. Mary-le-Strand H - - - N.R.   |  | 7515  | 2                                      | 2                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                   |  |
| St. Clement Danes H - - - N.R.  |  | 8569  | -                                      | 3                                | -                               | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                   |  |
| Strand Union Workhouse, Edmonton w.   |  | -   | -                                      | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18671   | 13                                     | 11                               | 2                               | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 2              | 7                                 | -                   |  |
| St. Andrew Eastern W - - - N.R.   |  | 10706   | 2                                      | 3                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                   |  |
| Saffron Hill H - - - N.R.   |  | 6533  | 4                                      | 3                                | -                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| St. James Clerkenwell - - - N.R.  |  | 17516   | 5                                      | 6                                | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | -                                 | -                   |  |
| Amwell Clerkenwell - - - N.R.   |  | 19281   | 8                                      | 3                                | -                               | -                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| Pentonville - - - N.R.  |  | 14773   | 10                                     | 2                                | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| Goswell-street - - - N.R.   |  | 17506   | 12                                     | 5                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| Old-street H - - - N.R.   |  | 11541   | 13                                     | 5                                | 1                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                   |  |
| City-road HHL - - - N.R.  |  | 18623   | 24                                     | 4                                | -                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                   |  |
| Whitecross-street - - - N.R.  |  | 9217  | 7                                      | 7                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| Finsbury - - - N.R.   |  | 7463  | 5                                      | 4                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                   |  |
| Holborn Union Workhouse, Mitcham w.   |  | -   | -                                      | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| St. Botolph H - - - N.R. & E.L.   |  | 11174   | 4                                      | 3                                | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| Cripplegate - - - N.R.  |  | 7193  | 3                                      | 2                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| St. Sepulchre H - - - N.R.  |  | 6393  | 1                                      | 17                               | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 17                                | -                   |  |
| St. Bride W - - - N.R.  |  | 8396  | 1                                      | 2                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| Allhallows Barking - - - N.R.   |  | 13666   | 2                                      | 4                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |
| Arundel Street H - - - N.R.   |  | 6662  | -                                      | 1                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |  |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., the Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

the following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the  
ve Table by w:-

Marylebone Infirmary in Kensington Town sub-district.  
 Central London Sick Asylum in Titchborne Court-road sub-district.  
 Holborn Infirmary in Upper Holloway sub-district.  
 London City Workhouse in Hackney sub-district.  
 Holborn " in Hoxton New Town sub-district.  
 Whitechapel " Mile End Old Town Eastern sub-dist.  
 London, City " Mile End Old Town Eastern sub-district.  
 " " and Bromley sub-district.  
 Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Putnam, Hampstead, Hack-  
ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,  
Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 31st March, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres, including Tidal Water and Fore-shore. | Enu-merated Popu-lation, 1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                  |             |          |                |             |                 |        |            |           |                |                                |                     |
|---|-----------------------------|--|--------------------------------|---------|---------|---|----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|--------------------------------|---------------------|
|   |                             |  |                                |         |         | Deaths of                                 |                                  | Deaths from |          |                |             |                 |        |            |           | Inquest Cases. | Deaths in Public Institutions. | Unregistered Cases. |
|   |                             |  |                                |         |         | Infants under 1 Year of Age.              | Persons aged 60 Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |                |                                |                     |
|   |                             |  |                                |         |         |   |                                  |             |          |                |             |                 |        |            |           |                |                                |                     |
| LONDON—OUTER RING                               |                             | 370,924  | 950,957                        | 674     | 441     | 113                                       | 109                              | -           | 1        | 5              | 4           | 41              | 4      | 1          | 7         | 15             | 68                             |                     |
| 89:1  | Carshalton wL -             | 12228  | 21118                          | 11      | 13      | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 11                             |                     |
| 2   | Epsom (part of)* WwH        | 9971   | 10710                          | 2       | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                              |                     |
| 37:1  | Godstone (part of)* -       | 2754   | 1235                           | -       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 38:1  | Croydon WwHLL -             | 20851  | 101241                         | 53      | 41      | 9   | 12                               | -           | -        | -              | -           | -               | 1      | 1          | -         | -              | 10                             |                     |
| 2   | Mitcham w† -                | 11697  | 17932                          | 9       | 2       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 89:1  | Wimbledon HHH -             | 3220   | 15950                          | 12      | 9       | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |                     |
| 2   | Kingston WHH -              | 8549   | 35354                          | 19      | 19      | 3   | 5                                | -           | -        | 3              | 1           | 1               | -      | -          | -         | -              | 9                              |                     |
| 3   | Esher (part of)* -          | 6901   | 9221                           | 4       | 6       | 1   | 5                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |                     |
| 4   | Hampton H -                 | 4573   | 13539                          | 10      | 9       | 2   | 2                                | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                              |                     |
| 40:1  | Richmond WH -               | 2272   | 21302                          | 12      | 8       | 3   | 1                                | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 2   | Mortlake -                  | 2941   | 12331                          | 15      | 4       | 4   | -                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                              |                     |
| 41:1  | Bromley (pt. of)* HH        | 15069  | 31142                          | 15      | 11      | 7   | 1                                | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | -                              |                     |
| 2   | Chislehurst (pt. of)* WHH   | 14307  | 15844                          | 16      | 24      | 8   | 8                                | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | 5                              |                     |
| 42:1  | Bexley H -                  | 18437  | 24134                          | 5       | 5       | 2   | 2                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                              |                     |
| 124:1   | Sunbury w -                 | 11055  | 11685                          | 3       | 3       | 2   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 2   | Staines W -                 | 13277  | 12089                          | 13      | 7       | 2   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                              |                     |
| 125:1   | Hillingdon WHH -            | 6029   | 10802                          | 4       | 3       | 2   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |                     |
| 2   | Uxbridge -                  | 6178   | 5225                           | 4       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 3   | Hayes wHL -                 | 14637  | 11623                          | 4       | 3       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                              |                     |
| 126:1   | Isleworth WHH -             | 7003   | 23727                          | 17      | 13      | 4   | 6                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 5                              |                     |
| 2   | Twickenham H -              | 2477   | 12479                          | 10      | 6       | 3   | 1                                | -           | -        | -              | -           | 3               | -      | -          | -         | -              | -                              |                     |
| 3   | Brentford HL -              | 4345   | 27640                          | 23      | 9       | 3   | 3                                | -           | -        | -              | -           | -               | 1      | -          | -         | -              | 1                              |                     |
| 4   | Chislewick -                | 1340   | 15975                          | 8       | 8       | 3   | 1                                | -           | -        | -              | -           | 2               | -      | -          | -         | 1              | -                              |                     |
| 5   | Acton wH -                  | 6033   | 23376                          | 13      | 12      | 3   | 4                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                              |                     |
| 127:1   | Harrow H -                  | 13809  | 12796                          | 4       | 3       | 1   | -                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                              |                     |
| 2   | Edgware H -                 | 6994   | 3749                           | 3       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 3   | Willesden -                 | 4388   | 27453                          | 28      | 15      | 6   | 2                                | -           | -        | -              | 1           | 1               | -      | -          | -         | 1              | -                              |                     |
| 4   | Hendon W -                  | 8332   | 10494                          | 8       | 5       | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |                     |
| 128:1   | South Mimms -               | 15593  | 6391                           | 5       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 2   | Barnet -                    | 5133   | 10092                          | 7       | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 3   | Finchley HL -               | 4638   | 17615                          | 17      | 12      | 4   | 5                                | -           | -        | -              | -           | 3               | -      | -          | -         | -              | 2                              |                     |
| 129:1   | Hornsey H -                 | 3039   | 37078                          | 20      | 12      | 2   | 3                                | -           | -        | -              | -           | 3               | -      | -          | -         | -              | -                              |                     |
| 2   | Tottenham H -               | 4642   | 46456                          | 45      | 22      | 3   | 5                                | -           | -        | -              | -           | 6               | -      | -          | -         | 1              | 2                              |                     |
| 3   | Edmonton Ww† -              | 7433   | 23423                          | 25      | 15      | 3   | 2                                | -           | -        | -              | -           | 2               | -      | -          | -         | 2              | 2                              |                     |
| 4   | Enfield WH -                | 12653  | 19104                          | 12      | 10      | 4   | -                                | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                              |                     |
| 5   | Waltham Abbey -             | 11017  | 3363                           | 6       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 6   | Cheshunt -                  | 8490   | 7725                           | 5       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 135:1   | Hatfield (part of)* -       | 3306   | 583                            | 1       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 137:1   | Bushey -                    | 9331   | 6821                           | 2       | 3       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 136:1   | Stratford -                 | 882  | 38605                          | 34      | 14      | 3   | 3                                | -           | -        | -              | -           | 1               | 1      | -          | -         | -              | -                              |                     |
| 2   | West Ham wwwwH‡ -           | 7351   | 101053                         | 74      | 63      | 13  | 13                               | -           | -        | 1              | 1           | 6               | 1      | -          | 4         | 4              | 2                              |                     |
| 3   | Leyton WwL -                | 4372   | 32480                          | 31      | 21      | 4   | 7                                | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | 0                              |                     |
| 4   | Walthamstow H -             | 6520   | 28863                          | 55      | 14      | 3   | 2                                | -           | -        | 1              | -           | 2               | -      | -          | -         | -              | 1                              |                     |
| 137:1   | Chigwell (part of)* H       | 11761  | 9869                           | 7       | 2       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 139:1   | Romford (part of)* -        | 6730   | 2411                           | 2       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 2   | Ilford -                    | 8493   | 7645                           | 4       | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |                     |
| 3   | Barking Town -              | 4127   | 9203                           | 7       | 8       | 4   | -                                | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                              |                     |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 38:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 31st March, 1888.

| THE GREATER LONDON. | Area in Acres, including tidal water and foreshore. | Estimated Population, middle of 1888. | ANNUAL RATE of MORTALITY per 1000 living. |                              | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |        |           |           |     |  |                                |
|---------------------|---|---------------------------------------|---|------------------------------|-------------------------|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|-----------|-----------|-----|--|--------------------------------|
|                     |   |                                       | From All Causes.                          | From Diseases in Cols. 8-14. |                         | Deaths of                                 |                                    | Deaths from |          |                |             |                 |        |           |           |     |  | Deaths in Public Institutions. |
|                     |   |                                       |   |                              |                         | Infants under 1 Year of Age.              | Persons aged 60 Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhea. | Violence. |     |  |                                |
| Cols.               | 1.  | 2.                                    | 3.  | 4.                           | 5.                      | 6.  | 7.                                 | 8.          | 9.       | 10.            | 11.         | 12.             | 13.    | 14.       | 15.       | 16. |  |                                |
| GREATER LONDON      | 448,334   | 5,527,886                             | 19.9                                      | 2.4                          | 2109                    | 479                                       | 507                                | -           | 18       | 45             | 19          | 134             | 18     | 17        | 82        | 444 |  |                                |
| INNER LONDON -      | 77,410  | 4,282,921                             | 20.3                                      | 2.4                          | 1668                    | 366                                       | 398                                | -           | 17       | 40             | 15          | 93              | 14     | 16        | 75        | 376 |  |                                |
| OUTER RING -        | 370,924   | 1,244,965                             | 18.5                                      | 2.3                          | 441                     | 113                                       | 109                                | -           | 1        | 5              | 4           | 41              | 4      | 1         | 7         | 68  |  |                                |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700 522 square miles, which is equivalent to the area of a circle having a radius of 14'933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,137 Persons.

| CITIES.                           | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|-----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA -                        | 433,219                               | February 25                 | -                               | -       | -                                  | -   |
| BOMBAY -                          | 773,196                               | March 6                     | 310                             | 393     | 23.2                               | Small-pox 24; fevers 106; cholera 2.                  |
| MADRAS -                          | 398,777                               | February 24                 | -                               | -       | -                                  | -   |
| PARIS -                           | 2,260,945                             | March 24                    | 1187                            | 1120    | 26.0                               | Sm.-pox 6; typh. fev. 11; meas. 18; diph. & croup 40. |
| BRUSSELS -<br>(with 8 Faubourgs.) | 454,410                               | " 17                        | 294                             | 186     | 20.9                               | Croup 5.  |
| AMSTERDAM -                       | 389,916                               | " 24                        | 263                             | 175     | 23.3                               | Measles 4; whooping-cough 7.                          |
| ROTTERDAM -                       | 193,660                               | " 24                        | 136                             | 98      | 23.3                               | -   |
| THE HAGUE -                       | 149,410                               | " 24                        | 103                             | 78      | 27.1                               | -   |
| COPENHAGEN -                      | 300,000                               | " 13                        | 201                             | 145     | 25.2                               | Diphtheria and croup 15; scarlet fever 2.             |
| STOCKHOLM -                       | 216,807                               | " 17                        | 119                             | 87      | 26.9                               | Whooping-cgh. 4; diphtheria and croup 2.              |
| CHRISTIANIA -                     | 134,000                               | " 24                        | 53                              | 57      | 21.7                               | Diphtheria and croup 10.                              |
| ST. PETERSBURG                    | 928,016                               | " 17                        | -                               | 668     | 37.6                               | Typhus & typhd. fev. 27; measles 17; diph. 14.        |
| BERLIN -                          | 1,413,603                             | " 10                        | 937                             | 524     | 19.5                               | Diphtheria 29; whooping-cough 13; scar. fev. 5.       |
| HAMBURG (State)                   | 529,091                               | " 17                        | 405                             | 237     | 23.4                               | Diph. & croup 10; meas. 6; typ. & typhd. fev. 4.      |
| DRESDEN -                         | 259,142                               | " 10                        | 147                             | 125     | 25.1                               | Diphtheria and croup 4; scarlet fever 2.              |
| BRESLAW -                         | 308,105                               | " 17                        | 223                             | 186     | 31.9                               | Diph. 3; typ. & typhd. fever 2.                       |
| MUNICH -                          | 275,000                               | " 17                        | 206                             | 154     | 29.1                               | Diphtheria and croup 3; typ. and typhd. fev. 4.       |
| VIENNA -                          | 800,836                               | " 17                        | 540                             | 410     | 26.6                               | Small-pox 2; diph. 7; scarlet fever 9.                |
| PRAGUE -                          | 295,857                               | " 17                        | -                               | 198     | 34.9                               | Sm.-pox 15; scar. fev. 5; typh. & typhd. fever 4.     |
| BUDA-PESTH -                      | 442,787                               | " 17                        | 354                             | 321     | 37.7                               | Diphtheria 3; typ. & typhd. fever 6.                  |
| TRIESTE -                         | 156,042                               | " 17                        | -                               | 103     | 34.3                               | Small-pox 4; diph. and croup 2.                       |
| ROME -                            | 382,973                               | February 18                 | 290                             | 225     | 30.7                               | Small-pox 7; typhoid fever 3; diphtheria 4.           |
| TURIN (9 days) -                  | 294,826                               | " 29                        | 205                             | 191     | 26.3                               | -   |
| VENICE -                          | 150,502                               | March 17                    | 95                              | 91      | 31.6                               | Small-pox 1.  |
| CAIRO -                           | 374,838                               | " 8                         | 380                             | 223     | 31.0                               | Typd. fev. 6; diarrhoeal diseases 73.                 |
| ALEXANDRIA -                      | 231,396                               | " 8                         | 201                             | 126     | 28.4                               | Diphtheria and croup 2; diarrhoeal diseases 15.       |
| NEW YORK -                        | 1,493,000                             | " 10                        | -                               | 799     | 27.9                               | Diphtheria 40; scarlet fever 19; small-pox 2.         |
| BROOKLYN -                        | 774,870                               | " 10                        | -                               | 353     | 23.8                               | Diphtheria 20; croup 15; scarlet fever 18.            |
| PHILADELPHIA -                    | 1,016,758                             | " 10                        | -                               | 379     | 10.4                               | Diphtheria 12; croup 6; typhoid fever 5.              |
| BALTIMORE -                       | 437,155                               | " 10                        | -                               | 190     | 22.7                               | Croup 6; measles 9; whooping-cough 3.                 |



TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 31st March, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.               |              | TEMPERATURE. |           |              |                   |                           |                   |           |   |             |             | TEMPERATURE.                          |                     |               |           | Wind as deduced from Anemometers.         |              |                    |                 | Rain collected in a gauge receiving surface 5 inches above the ground. |   |   |                          |         |      |
|---------------------|--------------|--------------|-----------|--------------|-------------------|---------------------------|-------------------|-----------|---|-------------|-------------|---------------------------------------|---------------------|---------------|-----------|---|--------------|--------------------|-----------------|--|---|---|--------------------------|---------|------|
| Phases of the Moon. | Baro- meter. | Of the Air.  |           |              |                   |                           | Of the Dew Point. |           | Difference between the Air Temperature and Dew Point Temperature. |             |             | Degree of saturation (Standard 100°). |                     | Of Radiation. |           | Of the Water of the Fountains at Depford. |              | General Direction. |                 | Pressure on the Square Foot.   |   | Robinson's.                               |                          |         |      |
|                     |              | High. est.   | Low. est. | Daily Range. | Mean daily value. | De- parture from Average. | High. est.        | Low. est. | Mean daily value.   | Great. est. | Least. est. | High. est. in Air.                    | Low. est. in Grass. | High. est.    | Low. est. | A.M.                                      | P.M.         | Great. est.        | Least. est.     | Mean of 24 hours.  | Horizontal Movement of the Air on each day. | Vertical Movement of the Air on each day. | Average of the 10 Years. |         |      |
| MARCH.              |              |              |           |              |                   |                           |                   |           |   |             |             |                                       |                     |               |           |   |              |                    |                 |  |   |   |                          |         |      |
| SUN. . . 25         | ..           | 29.931       | 44.2      | 32.4         | 11.8              | 37.8                      | - 6.5             | 34.5      | 1.3   | 10.6        | 0.0         | 0.0                                   | 95                  | 78.0          | 32.2      | 0.0                                       | 0.0          | Calm & S.W.        | WSW. & S.W.     | 6.4  | 0.0   | 0.5                                       | 331                      | 0.5     | 6.2  |
| MON. . . 26         | ..           | 29.969       | 44.8      | 31.5         | 13.3              | 38.5                      | - 4.1             | 36.9      | 1.6   | 6.8         | 0.0         | 0.0                                   | 94                  | 79.3          | 27.3      | 0.0                                       | 0.0          | WSW. SSW. & S.W.   | SSW. & S.E.     | 7.5  | 0.0   | 0.8                                       | 371                      | 0.8     | 5.3  |
| TUES. . . 27        | Full         | 28.884       | 42.4      | 32.0         | 10.4              | 35.9                      | - 7.1             | 32.6      | 3.3   | 12.1        | 0.0         | 0.0                                   | 88                  | 69.0          | 29.5      | 0.0                                       | 0.0          | SSW.               | SSW.            | 0.1  | 0.0   | 0.0                                       | 131                      | 0.0     | 1.5  |
| WED. . . 28         | In Equator   | 28.623       | 51.7      | 31.6         | 20.1              | 42.5                      | - 0.9             | 38.1      | 4.4   | 8.2         | 0.0         | 0.0                                   | 85                  | 95.0          | 28.9      | 40.2                                      | 39.3         | S.E. & S.S.E.      | S.S.E. & S.S.W. | 6.3  | 0.0   | 0.6                                       | 341                      | 0.6     | 11.3 |
| THURS. . . 29       | ..           | 28.742       | 52.1      | 33.8         | 13.3              | 44.0                      | + 0.2             | 38.8      | 5.2   | 13.8        | 0.5         | 0.5                                   | 82                  | 112.0         | 33.0      | 41.2                                      | 40.3         | S. & S.E.          | S.E. & N.E.     | 5.3  | 0.0   | 0.2                                       | 243                      | 0.2     | 11.2 |
| FRI. . . 30         | ..           | 29.141       | 51.3      | 37.4         | 13.9              | 42.6                      | - 1.7             | 37.3      | 5.3   | 12.4        | 0.0         | 0.0                                   | 82                  | 89.8          | 36.9      | 42.0                                      | 41.3         | N. N.W. & W.S.W.   | SW. & N.W.W.    | 5.7  | 0.0   | 0.1                                       | 251                      | 0.1     | 0.0  |
| SAT. . . 31         | ..           | 29.648       | 45.8      | 37.7         | 8.1               | 40.9                      | - 3.9             | 35.9      | 5.0   | 8.8         | 0.5         | 0.5                                   | 82                  | 83.4          | 36.6      | 42.9                                      | 42.1         | N.W. & N.          | N. & N.N.E.     | 0.3  | 0.0   | 0.0                                       | 181                      | 0.0     | 0.0  |
| MEANS . . .         | ..           | 29.983       | 47.5      | 31.5         | 13.0              | 40.0                      | - 3.4             | 36.3      | 3.7   | 10.4        | 0.1         | 0.1                                   | 87                  | 84.1          | 32.1      | 4 days. 41.6                              | 4 days. 40.7 | S.W. S.E. & N.     |                 | ..   | ..  | ..  | Sum 1869                 | Sum 226 | 5.1  |
| No. of Col. . .     | 3            | 4            | 5         | 6            | 7                 | 8                         | 9                 | 10        | 11  | 12          | 13          | 14                                    | 15                  | 16            | 17        | 18  | 19           | 20                 | 21              | 22   | 23  | 24  | 25                       | 26      | 27   |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations were usually taken at 9h, P.M., and 3h, P.M. and 3h, P.M. The means of the above readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer were converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean maximum and minimum readings of the dry bulb thermometer is combined the corrected mean of the readings of the wet bulb thermometer, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29·06 in. at the beginning of the week to 28·38 in. by 10 h. P.M. on the 25th; increased to 28·94 in. by 3 h. P.M. on the 26th; decreased to 28·47 in. by 10 h. P.M. on the 27th; increased to 29·00 in. by 10 h. P.M. on the 28th; and decreased to 28·69 in. by 10 h. P.M. on the 29th.

GENERAL REMARKS.

|           |    |  |      |      |  |
|-----------|----|--|------|------|--|
| SUNDAY    | 25 | v. P. and s. N. in morning; m. P. generally afterwards, with s. N. in evening. | 1-1  | 12-4 | Overcast generally. Frequent rain.   |
| MONDAY    | 26 | m. P. till 6h. A.M.; v. N. and v. P. afterwards.                               | 0-1  | 12-5 | Overcast. Slight snow in early morning; frequent rain during the day.        |
| TUESDAY   | 27 | v. N. till 4h. A.M.; v. P. afterwards.   | 0-0  | 12-6 | Overcast. Showery in early morning; light snow fell occasionally afterwards. |
| WEDNESDAY | 28 | s. N. and v. P. till 4h. P.M.; m. P. afterwards.                               | 2-2  | 12-6 | Variable; showery.   |
| THURSDAY  | 29 | m. P. in morning; v. N. and v. P. afterwards.                                  | 6-7  | 12-7 | Fine and partially cloudy till afternoon; overcast and showery afterwards.   |
| FRIDAY    | 30 | w. P. in morning; v. N. and v. P. afterwards.                                  | 4-0  | 12-8 | Cloudy. Showery. During a heavy shower at 1h. P.M. hail fell with the rain.  |
| SATURDAY  | 31 | v. T. and w. N.  | 0-1  | 12-8 | Overcast generally.  |
|           |    |  | Sum. | Sum. |  |
|           |    |  | 11-2 | 38-4 |  |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 14. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, APRIL 7. [Price 1½d.

General Register Office, Somerset House,  
10th April, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·9 per 1000. The death-rates in the several towns, in each of the last four weeks, were:—

| TOWNS.       | Weeks ending |             |             |            | TOWNS.             | Weeks ending |             |             |            |
|--------------|--------------|-------------|-------------|------------|--------------------|--------------|-------------|-------------|------------|
|              | Mar.<br>17.  | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. |                    | Mar.<br>17.  | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. |
| Birkenhead   | 20·9         | 24·0        | 15·1        | 18·8       | Liverpool -        | 20·1         | 22·4        | 22·4        | 19·3       |
| Birmingham   | 16·5         | 18·9        | 19·5        | 18·5       | London -           | 19·5         | 20·2        | 20·3        | 19·4       |
| Blackburn -  | 31·6         | 28·1        | 33·3        | 28·1       | Manchester -       | 24·7         | 30·4        | 26·4        | 29·7       |
| Bolton       | 24·4         | 23·0        | 31·3        | 22·1       | Newcastle-on-Tyne* | 20·0         | 22·0        | 25·6        | 18·1       |
| Bradford*    | 22·7         | 18·4        | 21·3        | 18·4       | Norwich -          | 26·2         | 20·1        | 22·3        | 18·9       |
| Brighton -   | 20·4         | 19·6        | 19·1        | 14·8       | Nottingham*        | 19·4         | 21·7        | 21·7        | 15·1       |
| Bristol -    | 21·7         | 18·4        | 19·1        | 21·9       | Oldham -           | 21·5         | 21·1        | 21·5        | 19·6       |
| Cardiff*     | 27·4         | 15·4        | 18·3        | 22·6       | Plymouth -         | 26·9         | 37·6        | 25·5        | 23·5       |
| Derby        | 17·9         | 23·8        | 21·7        | 13·6       | Portsmouth -       | 20·2         | 19·4        | 22·1        | 19·1       |
| Halifax -    | 24·1         | 16·3        | 22·8        | 15·0       | Preston -          | 27·8         | 26·3        | 33·4        | 22·7       |
| Huddersfield | 18·8         | 14·8        | 24·5        | 18·3       | Salford*           | 22·1         | 21·2        | 25·4        | 23·7       |
| Hull -       | 15·5         | 16·8        | 17·8        | 15·5       | Sheffield -        | 21·2         | 22·7        | 21·2        | 23·4       |
| Leeds -      | 19·3         | 21·5        | 22·3        | 21·2       | Sunderland -       | 22·2         | 19·4        | 23·7        | 15·0       |
| Leicester*   | 12·8         | 23·8        | 21·3        | 19·9       | Wolverhampton -    | 16·0         | 19·8        | 21·1        | 17·2       |

The highest annual death-rates from *measles* were 1·1 in Derby, and 4·7 in Plymouth; from *scarlet fever*, 1·3 in Halifax and in Blackburn; from *whooping-cough*, 1·0 in Manchester and in Liverpool, 1·1 in London, and 2·8 in Salford; and from "*fever*," 1·0 in Preston, 1·1 in Leicester, and 1·4 in Nottingham. The 27 deaths from *diphtheria* in the twenty-eight towns included 16 in London, 3 in Birmingham, and 3 in Salford. *Small-pox* caused 14 deaths in Sheffield, one in Manchester, one in Halifax, and one in Leeds, but not one in London or in any of the twenty-three other large provincial towns.

## LONDON.

In LONDON† 2588 BIRTHS and 1593 DEATHS were registered. Allowing for increase of population, the births were 313, and the deaths 261, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·5, 20·2, and 20·3 in the three preceding weeks, declined again last week to 19·4.

The 1593 deaths included 16 from *measles*, 20 from *scarlet fever*, 16 from *diphtheria*, 89 from *whooping-cough*, 20 from *enteric fever*, one from an ill-defined form of continued fever, 17 from *diarrhoea* and *dysentery*, one from *cholera*

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



diarrhoea, and not one from small-pox or typhus; thus, 180 deaths were referred to these diseases, being 61 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 24. The 16 fatal cases of *measles*, including 4 in Hackney and 3 in Greenwich sanitary areas, were 39 below the corrected average. The deaths from *scarlet fever*, which had been 24 and 40 in the two previous weeks, declined last week to 20, and were 4 below the corrected average; 2 belonged to Hackney, 2 to Bethnal Green, 2 to Poplar, 2 to Battersea, and 2 to Camberwell sanitary areas. The 16 deaths from *diphtheria* exceeded the corrected average by one. The fatal cases of *whooping-cough*, which had been 80 and 93 in the two preceding weeks, declined again to 89 last week, and were 3 below the corrected average; 7 belonged to Islington, 6 to Hackney, 6 to Poplar, and 8 to Lambeth sanitary areas. The deaths referred to *enteric fever* further rose last week to 20, from 10 and 13 in the two previous weeks; 2 belonged to Pancras, 2 to Poplar, 2 to Rotherhithe, and 2 to Camberwell sanitary areas.

DEATHS BELONGING TO THE SEVERAL SANITARY AREAS OF REGISTRATION LONDON  
registered in the 13 WEEKS ENDING ON 31ST MARCH, 1888.

| SANITARY AREAS.                                  | Deaths. | Deaths from Principal Zymotic Diseases. |          |                |             |                 |         |                |                             |            | Deaths of Infants under 1 Year of Age. | Deaths under 1 Year of Age to 1000 Births registered. |
|--|---------|---|----------|----------------|-------------|-----------------|---------|----------------|-----------------------------|------------|--|---|
|  |         | Small-pox.                              | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric Fever. | Simple and Undefined Fever. | Diarrhoea. |  |   |
| REGISTRATION LONDON                              | 23,164  | 4                                       | 238      | 412            | 307         | 1617            | 4       | 224            | 10                          | 149        | 4917                                   | 148   |
| WEST.  |         |   |          |                |             |                 |         |                |                             |            |  |   |
| Paddington - - - -                               | 582     | -                                       | 3        | 9              | 26          | 22              | -       | 9              | -                           | 3          | 103                                    | 135   |
| Kensington - - - -                               | 803     | -                                       | 13       | 11             | 8           | 48              | -       | 9              | -                           | 3          | 140                                    | 147   |
| Hammersmith - - - -                              | 520     | -                                       | 8        | 6              | 6           | 60              | -       | 7              | -                           | 2          | 132                                    | 181   |
| Fulham - - - - -                                 | 471     | -                                       | 13       | 7              | 4           | 41              | 1       | 5              | -                           | 7          | 136                                    | 173   |
| Chelsea - - - - -                                | 543     | -                                       | 5        | 9              | 5           | 32              | -       | 2              | 1                           | 4          | 120                                    | 151   |
| St. George Hanover Square - - - -                | 455     | -                                       | 3        | 6              | 5           | 16              | -       | 3              | 1                           | 5          | 61                                     | 127   |
| Westminster - - - -                              | 359     | -                                       | 3        | 12             | 7           | 33              | -       | 1              | -                           | 1          | 62                                     | 149   |
| St. James Westminster - - - -                    | 156     | -                                       | 5        | 2              | 2           | 3               | -       | 5              | -                           | -          | 20                                     | 146   |
| NORTH.   |         |   |          |                |             |                 |         |                |                             |            |  |   |
| Marylebone - - - -                               | 887     | -                                       | 6        | 12             | 8           | 25              | -       | 4              | -                           | 6          | 177                                    | 159   |
| Hampstead - - - -                                | 186     | -                                       | 4        | 2              | 4           | -               | -       | 2              | -                           | 1          | 32                                     | 93  |
| Pancras - - - - -                                | 1284    | -                                       | 18       | 17             | 15          | 62              | -       | 19             | -                           | 3          | 240                                    | 127   |
| Islington - - - - -                              | 1629    | -                                       | 27       | 24             | 13          | 164             | -       | 15             | 2                           | 9          | 326                                    | 132   |
| Hackney - - - - -                                | 1102    | -                                       | 27       | 18             | 19          | 82              | 1       | 18             | -                           | 9          | 261                                    | 155   |
| CENTRAL.   |         |   |          |                |             |                 |         |                |                             |            |  |   |
| St. Giles - - - - -                              | 258     | -                                       | 3        | 3              | 5           | 2               | -       | 2              | -                           | -          | 35                                     | 106   |
| St. Martin-in-the-Fields - - - -                 | 101     | -                                       | 2        | 4              | 2           | 2               | -       | 1              | -                           | 2          | 12                                     | 129   |
| Strand - - - - -                                 | 201     | -                                       | 2        | 1              | 1           | 8               | -       | 2              | -                           | 1          | 83                                     | 162   |
| Holborn - - - - -                                | 249     | -                                       | -        | 1              | 1           | 11              | -       | 2              | -                           | -          | 43                                     | 163   |
| Clerkenwell - - - -                              | 456     | -                                       | 3        | 5              | 39          | -               | -       | 4              | -                           | 3          | 101                                    | 161   |
| St. Luke's - - - - -                             | 329     | -                                       | 1        | 2              | 3           | 37              | -       | 2              | -                           | 2          | 79                                     | 151   |
| London City - - - -                              | 277     | -                                       | -        | 4              | 2           | 10              | -       | 1              | -                           | 2          | 27                                     | 129   |
| EAST.  |         |   |          |                |             |                 |         |                |                             |            |  |   |
| Shoreditch - - - -                               | 889     | -                                       | 6        | 8              | 11          | 84              | -       | 2              | -                           | 3          | 192                                    | 158   |
| Bethnal Green - - - -                            | 926     | 1                                       | 10       | 29             | 6           | 127             | -       | 4              | -                           | 5          | 234                                    | 179   |
| Whitechapel - - - -                              | 460     | -                                       | -        | 9              | 4           | 25              | -       | 4              | -                           | 6          | 99                                     | 143   |
| St. George-in-the-East - - - -                   | 344     | -                                       | 2        | 3              | 2           | 21              | -       | 5              | -                           | 1          | 76                                     | 129   |
| Stepney - - - - -                                | 333     | -                                       | 3        | 12             | 5           | 36              | -       | -              | -                           | -          | 86                                     | 140   |
| Mile End Old Town - - - -                        | 641     | 1                                       | 11       | 22             | 2           | 72              | -       | 10             | -                           | 6          | 140                                    | 125   |
| Poplar - - - - -                                 | 894     | -                                       | 11       | 15             | 9           | 85              | -       | 18             | -                           | 3          | 232                                    | 145   |
| SOUTH.   |         |   |          |                |             |                 |         |                |                             |            |  |   |
| St. Saviour Southwark - - - -                    | 190     | -                                       | -        | 4              | 1           | 5               | -       | 2              | -                           | 1          | 36                                     | 142   |
| St. George Southwark - - - -                     | 367     | -                                       | -        | 6              | 5           | 8               | 1       | 2              | -                           | 4          | 88                                     | 154   |
| Newington - - - - -                              | 616     | -                                       | -        | 17             | 4           | 37              | -       | 4              | -                           | 4          | 136                                    | 130   |
| St. Olave Southwark - - - -                      | 64      | -                                       | -        | 2              | 1           | 4               | -       | 2              | -                           | -          | 15                                     | 144   |
| Bermondsey - - - -                               | 511     | -                                       | 2        | 10             | 4           | 19              | -       | 10             | -                           | -          | 116                                    | 142   |
| Rotherhithe - - - -                              | 246     | -                                       | 2        | 3              | 5           | -               | -       | 4              | -                           | 6          | 61                                     | 172   |
| Lambeth - - - - -                                | 1440    | -                                       | 13       | 27             | 20          | 62              | -       | 8              | 2                           | 8          | 290                                    | 126   |
| Battersea - - - - -                              | 712     | -                                       | 4        | 15             | 7           | 76              | -       | 9              | -                           | 9          | 178                                    | 127   |
| Wandsworth - - - -                               | 638     | -                                       | -        | 12             | 19          | 49              | -       | 6              | 1                           | 10         | 128                                    | 125   |
| Camberwell - - - -                               | 1159    | 1                                       | 5        | 41             | 24          | 70              | 1       | 12             | 1                           | 10         | 244                                    | 134   |
| Greenwich - - - - -                              | 497     | 1                                       | 18       | 15             | 16          | 76              | -       | 8              | 2                           | 5          | 203                                    | 151   |
| Lewisham (excluding Penge) - - - -               | 583     | -                                       | 9        | 1              | 19          | 28              | -       | 3              | -                           | 1          | 73                                     | 169   |
| Woolwich - - - - -                               | 240     | -                                       | 2        | 2              | -           | 10              | -       | 2              | -                           | 1          | 60                                     | 169   |
| Plumstead (including Motting-ham Hamlet) - - - - | 851     | -                                       | 2        | 1              | 3           | 23              | -       | 1              | -                           | 8          | 83                                     | 129   |

In the above Table the deaths in Hospitals and in other Public Institutions (including 65 in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals also situated outside Registration London) have been distributed to the sanitary areas from which the deceased inmates were admitted. The deaths of 260 non-residents who died in Public Institutions inside London have been excluded from the Table.

## GREATER LONDON.

In Greater London 3451 births and 1977 deaths were registered, corresponding to annual rates of 32·6 and 18·7 per 1000 of the population. In the Outer Ring 27 deaths from whooping-cough, 8 from diphtheria, and 5 from scarlet fever, were registered. The fatal cases of whooping-cough included 9 in West Ham, and 3 in Croydon sub-districts; two deaths from diphtheria were returned in Hendon sub-district.

## METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·83 in.; the lowest reading was 29·58 in. on Monday afternoon, and the highest 30·09 in. on Friday morning. The mean temperature of the *air* was 37°·1, and 9°·1 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week, the coldest days being Wednesday and Thursday. The general direction of the *wind* was N.E., and the horizontal movement of the air averaged 10·3 miles per hour, which was 2·0 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·08 of an inch. The duration of registered bright sunshine in the week was 29·0 hours, against 29·7 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of MARCH 1888; according to their returns 156,534,723 gallons or 711,209 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 213 gallons (96·8 decalitres), rather less than a *ton* by weight, to each house, and 27·3 gallons (12·4 decalitres) to each person, against 27·0 gallons during March 1887.

| COMPANIES.                                | Number of Houses, &c.<br>supplied in |                 | Average daily Supply of Water<br>in Gallons. |                 |
|---|--------------------------------------|-----------------|--|-----------------|
|   | MARCH.<br>1887.                      | MARCH.<br>1888. | MARCH.<br>1887.                              | MARCH.<br>1888. |
| TOTAL SUPPLY . . . . .                    | 722,209                              | 735,551         | 152,224,619                                  | 156,534,723     |
| From Thames . . . . .                     | 348,266                              | 354,543         | 77,435,255                                   | 78,475,368      |
| From Lea and from other Sources . . . . . | 373,943                              | 381,008         | 74,789,364                                   | 78,059,355      |
| THAMES.                                   |                                      |                 |  |                 |
| Chelsea . . . . .                         | 24,276                               | 34,483          | 9,159,771                                    | 9,465,029       |
| West Middlesex . . . . .                  | 63,507                               | 70,146          | 13,876,881                                   | 14,167,501      |
| Southwark and Vauxhall . . . . .          | 107,512                              | 109,104         | 22,055,725                                   | 23,126,303      |
| Grand Junction . . . . .                  | 53,036                               | 53,988          | 15,473,878                                   | 15,431,735      |
| Lambeth . . . . .                         | 84,835                               | 86,822          | 16,869,000                                   | 16,284,800      |
| LEA AND OTHER SOURCES.                    |                                      |                 |  |                 |
| New River . . . . .                       | 148,179                              | 149,841         | 27,416,000                                   | 27,398,000      |
| East London . . . . .                     | 157,316                              | 160,856         | 36,002,598                                   | 39,277,086      |
| Kent . . . . .                            | 68,448                               | 70,311          | 11,370,766                                   | 11,384,269      |

*Note.*—The Return for March 1888, compared with that for the corresponding month of 1887, shows an increase of 13,342 houses, and of 4,310,104 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING MARCH.

Grove House, Pembroke Square, W.  
6th April, 1888.

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of March.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·5, Colne Valley 0·8, Tottenham 1·6, New River 2·6, East London 2·7, Chelsea 4·1, Southwark 4·3, Lambeth 4·4, Grand Junction 4·8, West Middlesex 5·5.

The Thames water, which throughout the greater part of the winter has contained only a small amount of organic matter for river-water, exhibited during the past month a very marked increase in this respect. This increased proportion of organic matter was almost equally noticeable in the supplies of all the Companies drawing from this source, viz., the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth. Notwithstanding the large amount of organic matter present in the river-water all the samples were clear and bright.

The water principally derived from the Lea, and supplied by the New River Company also showed an increased proportion of organic matter, although the actual amount was much less than in any of the Thames waters. The East London Company's water, owing to the large storage capacity of this Company, was not affected in the same manner, the proportion of organic



matter being actually less than in the previous month, and but little in excess of that in the New River water. Both samples were clear and bright.

The deep-well waters pumped by the Kent and Colne Valley Companies and by the Tottenham Local Board of Health being unaffected by surface influences, contained as usual only a very small proportion of organic matter, and the Colne Valley Company, by softening their supply with lime, thereby rendered it also of excellent quality for washing and all other domestic purposes.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent and Colne Valley, clear and colourless; Tottenham, clear and nearly colourless; New River and East London, clear and very pale yellow; Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth, clear and yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports of the water supplied to that town that "the organic matter was rather high."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

|               | COMPANIES<br>OR LOCAL AUTHORITIES.      | Date<br>and Place of Collection.                                 | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|---------------|---|--|---------------------------------------|---------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
|               |   |  |                                       |                           |                 |                   |          |  |                             |           |                 |
| Inner Circle. | THAMES.                                 |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|               | Chelsea - - -                           | { March 23rd,<br>Cab Rank, Horseguards,<br>Whitehall. }          | 5·3                                   | 29·48                     | ·216            | ·028              | 0        | ·280                                     | ·508                        | 2·0       | 19·7            |
|               | West Middlesex -                        | { March 23rd,<br>Cab Rank, Portland-road. }                      | 5·7                                   | 29·44                     | ·271            | ·051              | 0        | ·285                                     | ·398                        | 1·9       | 20·3            |
|               | Southwark - - -                         | { March 23rd,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. } | 5·5                                   | 30·92                     | ·211            | ·043              | 0        | ·316                                     | ·359                        | 1·9       | 20·6            |
|               | Grand Junction -                        | { March 23rd,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. } | 5·0                                   | 30·30                     | ·237            | ·044              | 0        | ·294                                     | ·338                        | 1·8       | 20·0            |
|               | Lambeth - - -                           | { March 23rd,<br>Cab Rank, St. George's-<br>road, Southwark. }   | 5·4                                   | 30·50                     | ·223            | ·089              | 0        | ·340                                     | ·379                        | 1·9       | 20·3            |
|               | LEA.                                    |  |                                       |                           |                 |                   |          |  |                             |           |                 |
| Outer Circle. | New River - - -                         | { March 23rd,<br>Cab Rank, Tottenham<br>Court-road. }            | 5·2                                   | 30·80                     | ·128            | ·025              | 0        | ·332                                     | ·357                        | 1·8       | 20·6            |
|               | East London - -                         | { March 23rd,<br>Fire Brigade Station,<br>Commercial-road, E. }  | 5·3                                   | 31·64                     | ·133            | ·025              | 0        | ·302                                     | ·327                        | 2·1       | 21·2            |
|               | DEEP WELLS.                             |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|               | Kent - - - - -                          | { March 23rd,<br>Mill Lane, Deptford. }                          | 12·2                                  | 41·32                     | ·025            | ·007              | 0        | ·401                                     | ·408                        | 2·4       | 29·2            |
|               | Colne Valley - -                        | { March 26th,<br>Bushey. }                                       | —                                     | 16·60                     | ·035            | ·010              | 0        | ·419                                     | ·429                        | 1·9       | 6·7             |
|               | Tottenham - - -                         | { March 13th,<br>Tottenham. }                                    | —                                     | 39·62                     | ·077            | ·018              | ·040     | ·384                                     | ·435                        | 2·7       | 22·7            |
|               | Corporation of Birm-<br>ingham* - - - - | { March 7th,<br>78, Hyde-road. }                                 | 6·1                                   | 28·46                     | ·196            | ·027              | 001      | ·418                                     | ·446                        | 1·7       | 15·6            |
|               | Corporation of Glasgow†                 | { March 15th,<br>Loch Katrine Water. }                           | 3·9                                   | 2·70                      | ·195            | ·033              | 0        | ·004                                     | ·037                        | ·7        | 1·1             |
|               | Column 1.                               | 2.   | 3.                                    | 4.                        | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—the Chelsea Company's water, collected on the 23th March at the Horseguards cab-rank, had a temperature of 5°·3 C.; 100,000 lbs. of it contained 29·48 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·216 lb. of carbon and ·028 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·280 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·308 lb. The above weight of water also contained 2·0 lbs. of chlorine; and 19·7 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

| CITIES<br>AND<br>BOROUGHs. | POPULATION<br>estimated<br>to the<br>middle of<br>1886. | Registered during<br>the Week ending<br>April 7th, 1888. |         | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |                |                                      |                                  |            | TEMPERATURE OF THE AIR. |            |                      |          | RAINFALL. |             | CITIES<br>AND<br>BOROUGHs. |             |      |                |
|----------------------------|---|--|---------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|----------------|--------------------------------------|----------------------------------|------------|-------------------------|------------|----------------------|----------|-----------|-------------|----------------------------|-------------|------|----------------|
|                            |   | BIRTHS.  | DEATHS. | Deaths of                                 |  | Deaths from |          |                   |             |                     |        | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unidentified<br>Causes of Death. | Mean.      |                         | In Inches. | In Centi-<br>metres. |          |           |             |                            |             |      |                |
|                            |   |  |         | Infants under<br>1 Year of<br>Age.        | Persons aged<br>40 Years<br>and upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. |                |                                      |                                  | Diarrhoea. | Violence.               |            |                      | Highest. | Lowest.   | Fahrenheit. |                            | Centigrade. |      |                |
| Cols.                      | 1.  | 2.   | 3.      | 4.  | 5.                                       | 6.          | 7.       | 8.                | 9.          | 10.                 | 11.    | 12.            | 13.                                  | 14.                              | 15.        | 16.                     | 17.        | 18.                  | 19.      | 20.       | 21.         | 22.                        | 23.         | 24.  | Cols.          |
| 28 TOWNS*                  | 9,398,273   | 5766   | 3584    | 814                                       | 879                                      | 17          | 4        | 46                | 27          | 141                 | 51     | 41             | 125                                  | 275                              | 610        | 93                      | 19.9       | 2.1                  | 52.0     | 22.8      | 36.8        | 2.67                       | 0.14        | 0.36 | - 28 TOWNS.    |
| LONDON*                    | -   | 2588   | 1593    | 346                                       | 418                                      | -           | 16       | 20                | 16          | 89                  | 21     | 17             | 56                                   | 129                              | 347        | 25                      | 19.4       | 2.2                  | 48.9     | 26.3      | 37.1        | 2.83                       | 0.08        | 0.20 | LONDON.        |
| BRIGHTON                   | -   | 36   | 34      | 2   | 8  | -           | -        | -                 | 1           | 2                   | -      | -              | 1                                    | 1                                | 6          | 2                       | 14.8       | 1.3                  | 46.0     | 28.0      | 35.9        | 2.17                       | 0.17        | 0.43 | BRIGHTON.      |
| PORTSMOUTH                 | -   | 102  | 51      | 16  | 17                                       | -           | -        | -                 | -           | -                   | -      | -              | -                                    | 2                                | 2          | 3                       | 18.9       | 1.1                  | -        | -         | -           | -                          | -           | -    | PORTSMOUTH.    |
| NORWICH                    | -   | 66   | 34      | 8   | 13                                       | -           | 7        | -                 | -           | 1                   | -      | -              | -                                    | 1                                | 1          | 1                       | 23.5       | 5.4                  | 51.1     | 31.6      | 39.4        | 4.11                       | 0.66        | 1.68 | NORWICH.       |
| PLYMOUTH                   | -   | 56   | 35      | 8   | 10                                       | -           | -        | -                 | -           | -                   | 1      | -              | -                                    | 7                                | 23         | 2                       | 21.9       | 0.9                  | 48.0     | 26.6      | 37.1        | 2.83                       | 0.06        | 0.15 | PLYMOUTH.      |
| BRISTOL                    | -   | 136  | 95      | 15  | 33                                       | -           | -        | -                 | -           | 1                   | -      | 2              | -                                    | 7                                | 5          | -                       | 17.2       | 0.6                  | 48.0     | 25.0      | 34.5        | 1.39                       | 0.01        | 0.03 | BRISTOL.       |
| WOLVERHAMPTON              | -   | 81,691   | 52      | 27  | 8  | -           | -        | -                 | -           | -                   | 1      | -              | -                                    | -                                | -          | -                       | -          | -                    | -        | -         | -           | -                          | -           | -    | WOLVERHAMPTON. |
| BIRMINGHAM                 | -   | 267  | 163     | 33  | 42                                       | -           | 4        | -                 | 3           | 2                   | 2      | 5              | 8                                    | 15                               | 26         | 4                       | 18.5       | 1.9                  | -        | -         | -           | -                          | -           | -    | BIRMINGHAM.    |
| LEICESTER*                 | -   | 147,312  | 66      | 17  | 15                                       | -           | 1        | -                 | -           | 2                   | 3      | -              | 3                                    | 10                               | 13         | 1                       | 19.9       | 2.1                  | 51.5     | 25.0      | 37.7        | 3.17                       | 0.14        | 0.36 | LEICESTER.     |
| NOTTINGHAM*                | -   | 136  | 67      | 12  | 20                                       | -           | 4        | 1                 | -           | -                   | 6      | 3              | 4                                    | 4                                | 3          | 1                       | 15.1       | 3.2                  | 47.7     | 22.8      | 35.2        | 1.78                       | 0.07        | 0.18 | NOTTINGHAM.    |
| DURBY                      | -   | 51   | 25      | 3   | 10                                       | -           | 2        | -                 | -           | 1                   | -      | -              | 2                                    | 2                                | 1          | -                       | 13.6       | 1.6                  | -        | -         | -           | -                          | -           | -    | DURBY.         |
| BIRKENHEAD                 | -   | 72   | 36      | 8   | 11                                       | -           | -        | 1                 | -           | -                   | -      | -              | -                                    | 3                                | 4          | -                       | 18.8       | 0.5                  | -        | -         | -           | -                          | -           | -    | BIRKENHEAD.    |
| LIVERPOOL                  | -   | 281  | 222     | 50  | 33                                       | -           | 1        | 7                 | -           | 11                  | 4      | 2              | 17                                   | 18                               | 35         | 8                       | 19.8       | 2.2                  | 47.4     | 31.4      | 37.5        | 3.06                       | 0.03        | 0.08 | LIVERPOOL.     |
| HOLTON                     | -   | 82   | 48      | 11  | 7  | -           | 2        | -                 | -           | 2                   | 1      | -              | 1                                    | 2                                | -          | 1                       | 22.1       | 2.3                  | -        | -         | -           | -                          | -           | -    | HOLTON.        |
| MANCHESTER                 | -   | 268  | 215     | 53  | 38                                       | 1           | 3        | 2                 | 1           | 7                   | 2      | 3              | 2                                    | 23                               | 39         | 7                       | 23.7       | 2.6                  | -        | -         | -           | -                          | -           | -    | MANCHESTER.    |
| SALFORD*                   | -   | 163  | 103     | 29  | 18                                       | -           | 1        | 3                 | 3           | 12                  | -      | 1              | 7                                    | 9                                | 13         | 4                       | 23.7       | 4.6                  | -        | -         | -           | -                          | -           | -    | SALFORD.       |
| OLDHAM                     | -   | 57   | 52      | 6   | 10                                       | -           | -        | -                 | 1           | -                   | -      | -              | 1                                    | 2                                | 4          | 5                       | 19.6       | 1.1                  | -        | -         | -           | -                          | -           | -    | OLDHAM.        |
| BLACKBURN                  | -   | 68   | 64      | 23  | 8  | -           | 1        | 3                 | -           | 2                   | 2      | 1              | 1                                    | 1                                | 3          | 5                       | 28.1       | 3.9                  | -        | -         | -           | -                          | -           | -    | BLACKBURN.     |
| PRESTON                    | -   | 103,234  | 68      | 45  | 11                                       | 6           | -        | -                 | -           | -                   | 2      | 1              | -                                    | -                                | -          | 3                       | 22.7       | 1.5                  | 49.0     | 31.0      | 37.7        | 3.17                       | 0.02        | 0.05 | PRESTON.       |
| HUDDESFIELD                | -   | 91,419   | 51      | 32  | 4  | 9           | -        | -                 | -           | -                   | -      | -              | -                                    | -                                | -          | 4                       | 18.3       | 1.1                  | -        | -         | -           | -                          | -           | -    | HUDDESFIELD.   |
| HAULFAX                    | -   | 80,133   | 45      | 23  | 8  | 7           | 1        | 2                 | -           | 1                   | -      | -              | -                                    | -                                | 2          | 1                       | 15.0       | 3.3                  | -        | -         | -           | -                          | -           | -    | HAULFAX.       |
| BRADFORD*                  | -   | 115  | 81      | 15  | 20                                       | -           | 2        | 1                 | -           | -                   | -      | -              | -                                    | -                                | 6          | 2                       | 18.4       | 1.4                  | 48.3     | 30.8      | 37.0        | 2.78                       | 0.05        | 0.13 | BRADFORD.      |
| LEEDS                      | -   | 351,210  | 248     | 143                                       | 34                                       | 38          | 1        | 1                 | -           | -                   | 6      | 1              | 6                                    | 19                               | 15         | 1                       | 21.2       | 1.5                  | -        | -         | -           | -                          | -           | -    | LEEDS.         |
| SHEFFIELD                  | -   | 321,711  | 227     | 144                                       | 32                                       | 34          | 14       | -                 | -           | 1                   | 3      | 1              | 1                                    | 2                                | 25         | 12                      | 23.4       | 3.2                  | -        | -         | -           | -                          | -           | -    | SHEFFIELD.     |
| HULL                       | -   | 202,359  | 119     | 60  | 14                                       | -           | 1        | 1                 | 1           | -                   | 1      | -              | 4                                    | 5                                | 9          | 4                       | 15.5       | 1.0                  | 52.0     | 26.0      | 35.9        | 2.17                       | 0.13        | 0.33 | HULL.          |
| SUNDERLAND                 | -   | 131,919  | 106     | 38  | 10                                       | 12          | -        | -                 | -           | -                   | -      | -              | -                                    | 3                                | 3          | 7                       | 1          | 15.0                 | 0.0      | -         | -           | -                          | -           | -    | SUNDERLAND.    |
| NEWCASTLE*                 | -   | 159,003  | 125     | 55  | 11                                       | -           | 1        | -                 | -           | -                   | -      | -              | -                                    | 5                                | 5          | 2                       | 18.1       | 0.3                  | 45.0     | 32.0      | 36.4        | 2.44                       | 0.26        | 0.66 | NEWCASTLE.     |
| CARDIFF*                   | -   | 103,570  | 75      | 47  | 13                                       | 3           | -        | -                 | -           | -                   | -      | -              | 5                                    | 8                                | 8          | 1                       | 22.6       | 0.5                  | -        | -         | -           | -                          | -           | -    | CARDIFF.       |
| EDINBURGH                  | -   | 262,733  | 164     | 111                                       | 20                                       | 27          | 5        | -                 | 2           | 2                   | 1      | -              | 4                                    | ?                                | 26         | 29                      | 22.0       | 2.0                  | 48.5     | 29.0      | 38.7        | 3.72                       | 0.03        | 0.08 | EDINBURGH.     |
| GLASGOW                    | -   | 536,088  | 443     | 246                                       | 61                                       | 52          | 4        | 2                 | 1           | 15                  | 1      | 3              | 6                                    | ?                                | 33         | 32                      | 24.4       | 2.6                  | 52.3     | 28.5      | 39.0        | 3.89                       | 0.00        | 0.00 | GLASGOW.       |
| DUBLIN                     | -   | 253,032  | 169     | 188                                       | 28                                       | 51          | 5        | 3                 | -           | 4                   | 6      | 1              | 3                                    | 4                                | 63         | 20                      | 27.8       | 2.8                  | 51.5     | 27.1      | 38.9        | 3.83                       | 0.23        | 0.58 | DUBLIN.        |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FOURTEENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2613 | 2610 | 2956 | 2612 | 2458 | 2928 | 2711 | 2473 | 2700 | 2538 | 2900·5   | 2538 |
| Males . .           | 1321 | 1309 | 1533 | 1318 | 1217 | 1490 | 1377 | 1223 | 1378 | 1310 | 1469·5   | 1305 |
| Females .           | 1292 | 1301 | 1423 | 1294 | 1241 | 1438 | 1334 | 1250 | 1322 | 1228 | 1431·0   | 1233 |
| <b>TOTAL Deaths</b> | 1877 | 1958 | 1532 | 1532 | 1596 | 1940 | 1689 | 1859 | 1578 | 1457 | 1853·6   | 1593 |
| Males . .           | 981  | 987  | 802  | 792  | 828  | 1003 | 845  | 971  | 780  | 752  | 953·7  | 841  |
| Females .           | 896  | 971  | 730  | 740  | 768  | 932  | 844  | 883  | 798  | 685  | 899·9  | 752  |

\* The numbers in this column are the average weekly numbers in the fourteenth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |                  | Jan.<br>14. | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. |
|--|------------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|
| TOTAL Births                             | - -              | 2556        | 2638        | 2715        | 2688       | 2830        | 2569        | 2473        | 2778       | 2583        | 2629        | 2522        | 2492        | 2588       |
| TOTAL Deaths                             | - -              | 1940        | 2000        | 1816        | 1894       | 1838        | 1689        | 1772        | 1794       | 1886        | 1604        | 1655        | 1668        | 1593       |
| 0—20                                     | - -              | 815         | 872         | 849         | 907        | 807         | 763         | 772         | 795        | 811         | 698         | 715         | 747         | 716        |
| 20—40                                    | - -              | 257         | 228         | 215         | 210        | 205         | 178         | 199         | 215        | 223         | 201         | 197         | 183         | 189        |
| 40—60                                    | - -              | 327         | 386         | 304         | 319        | 293         | 300         | 331         | 313        | 300         | 275         | 285         | 340         | 270        |
| 60—80                                    | - -              | 441         | 417         | 366         | 368        | 440         | 353         | 388         | 391        | 465         | 353         | 384         | 329         | 320        |
| at 80 years & upwds.                     | - -              | 100         | 97          | 82          | 90         | 93          | 95          | 82          | 80         | 87          | 77          | 74          | 69          | 98         |
| Deaths of children                       | { Under 1 year - | 367         | 403         | 394         | 413        | 394         | 360         | 351         | 371        | 424         | 332         | 361         | 365         | 346        |
|  | { 1—5 -          | 337         | 349         | 353         | 366        | 310         | 304         | 320         | 302        | 281         | 274         | 254         | 273         | 263        |
|  | { 5—20 -         | 111         | 120         | 102         | 128        | 103         | 99          | 101         | 122        | 106         | 92          | 100         | 103         | 107        |
| Deaths from Small-pox                    | - -              | 1           | -           | -           | -          | -           | 1           | -           | -          | 2           | -           | -           | -           | -          |
| "    " Measles                           | - -              | 25          | 14          | 16          | 13         | 15          | 14          | 18          | 15         | 21          | 22          | 18          | 17          | 16         |
| "    " Scarlet fever                     | - -              | 25          | 42          | 29          | 39         | 36          | 30          | 32          | 27         | 29          | 25          | 24          | 40          | 20         |
| "    " Diphtheria                        | - -              | 16          | 22          | 29          | 29         | 40          | 13          | 30          | 24         | 24          | 22          | 17          | 15          | 16         |
| "    " Whooping-cough                    | - -              | 152         | 138         | 168         | 177        | 153         | 122         | 127         | 94         | 101         | 92          | 80          | 93          | 89         |
| "    " Typhus                            | - -              | -           | -           | -           | -          | -           | -           | -           | -          | -           | 1           | 1           | 1           | -          |
| "    " Enteric fever                     | - -              | 22          | 26          | 13          | 26         | 12          | 13          | 16          | 15         | 20          | 10          | 10          | 13          | 20         |
| "    " Simple Cont'd fever               | - -              | 1           | 1           | 1           | 3          | 1           | -           | -           | -          | -           | 1           | -           | -           | 1          |
| "    " Diarrhœa and Dysentery            | - -              | 11          | 15          | 11          | 15         | 12          | 8           | 8           | 10         | 17          | 10          | 6           | 16          | 17         |
| "    " Cholera                           | - -              | -           | -           | -           | -          | -           | -           | 1           | -          | -           | -           | -           | -           | 1          |
| Deaths from the above-mentioned Diseases | - -              | 253         | 253         | 267         | 307        | 269         | 211         | 232         | 185        | 214         | 183         | 156         | 195         | 180        |
| "    " Dis. of Respiratory System        | - -              | 579         | 591         | 534         | 516        | 504         | 437         | 473         | 488        | 490         | 459         | 457         | 460         | 419        |
| "    " Phthisis                          | - -              | 187         | 153         | 154         | 159        | 149         | 131         | 170         | 165        | 159         | 140         | 144         | 155         | 152        |
| "    " Dis. of Circulatory System        | - -              | 160         | 179         | 143         | 154        | 163         | 127         | 134         | 137        | 161         | 137         | 133         | 130         | 128        |
| Violent Deaths                           | - - -            | 69          | 78          | 59          | 55         | 58          | 39          | 62          | 65         | 51          | 58          | 64          | 75          | 56         |
| Inquest Cases                            | - - -            | 146         | 155         | 127         | 131        | 119         | 88          | 107         | 149        | 123         | 116         | 120         | 129         | 129        |
| Deaths in Public Institutions            | - - -            | 426         | 413         | 381         | 388        | 408         | 358         | 405         | 379        | 424         | 355         | 365         | 376         | 347        |
| TEMPERATURE OF THE AIR                   | - - -            | 38·1        | 34·7        | 40·7        | 33·7       | 43·6        | 34·1        | 29·8        | 31·5       | 42·6        | 37·2        | 34·7        | 40·0        | 37·1       |
| Mean                                     | - - -            | 41·4        | 37·5        | 44·6        | 38·8       | 43·4        | 38·1        | 33·9        | 35·9       | 43·8        | 43·2        | 40·6        | 47·5        | 47·0       |
| Mean of Highest readings                 | - - -            | 34·3        | 30·7        | 36·8        | 27·6       | 33·9        | 31·1        | 25·9        | 27·5       | 36·9        | 32·7        | 30·4        | 34·5        | 29·3       |
| Mean of Lowest readings                  | - - -            | 97          | 86          | 83          | 78         | 83          | 82          | 76          | 76         | 79          | 81          | 80          | 87          | 78         |
| Humidity of the Air                      | - - -            | 0·02        | 0·21        | 0·10        | 0·17       | 0·26        | 0·38        | 0·21        | 0·02       | 0·30        | 0·95        | 0·66        | 0·87        | 0·08       |
| Rain-fall in inches                      | - - -            | 0·0         | 2·5         | 3·0         | 11·1       | 1·8         | 5·6         | 6·0         | 10·4       | 6·5         | 10·8        | 11·3        | 11·2        | 29·0       |
| Registered Sunshine (in hours)           | - - -            |             |             |             |            |             |             |             |            |             |             |             |             |            |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whiteledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLeandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FOURTEENTH Week of the Year 1888.

| CAUSES OF DEATH.                           | Corrected Averages for the 14th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 7th April 1888. |           |      |       |                  |                  |                  | Corrected Averages for the 14th Weeks of the 10 years 1878-87.* | CAUSES OF DEATH.  | Corrected Averages for the 14th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 7th April 1888. |           |           |      |       |                  |                  |                  |                       |  |
|--|---|--|-----------|------|-------|------------------|------------------|------------------|---|---|---|--|-----------|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|
|  |   | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |   |   |   | Deaths of Persons of the Ages                |           |           |      |       |                  |                  |                  |                       |  |
|  |   | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. |   |   |   | 80 Years and upwards.                        | ALL AGES. | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |
|  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |   |   |   |  |           | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |
| ALL CAUSES - -                             | 1853·6  | 1593   | 346       | 263  | 107   | 189              | 270              | 320              | 98  | Diseases of Organs of Special Sense † - -               | 2·8   | 2  | -         | 1         | 1    | -     | -                | -                | -                |                       |  |
| Small-pox { Vaccinated † - -               | 24·2 {  | -  | -         | -    | -     | -                | -                | -                | -   | Diseases of Circulatory System - -                      | 121·7   | 123  | -         | 3         | 5    | 15    | 39               | 52               | 14               |                       |  |
| Unvaccinated No Statement                  |   | -  | -         | -    | -     | -                | -                | -                | -   | Croup - - -   | 17·8  | 9  | 2         | 7         | -    | -     | -                | -                | -                |                       |  |
| Measles - - -                              | 55·4  | 16   | 3         | 10   | 3     | -                | -                | -                | -   | Bronchitis - - -  | 291·1   | 211  | 47        | 42        | 5    | 10    | 56               | 83               | 19               |                       |  |
| Scarlet Fever - -                          | 23·7  | 20   | 1         | 15   | 4     | -                | -                | -                | -   | Pneumonia - - -   | 122·1   | 124  | 24        | 30        | 10   | 14    | 25               | 19               | 2                |                       |  |
| Typhus - - -                               | 1·1   | -  | -         | -    | -     | -                | -                | -                | -   | Pleurisy - - -  | 7·7   | 4  | -         | 1         | -    | 3     | -                | -                | -                |                       |  |
| Relapsing Fever † -                        | 0·0   | -  | -         | -    | -     | -                | -                | -                | -   | Other Diseases of Respiratory System - -                | 43·1  | 41   | 6         | 11        | -    | 2     | 3                | 10               | 4                |                       |  |
| Influenza - - -                            | 0·2   | -  | -         | -    | -     | -                | -                | -                | -   | Dentition † - - -                                       | 21·0  | 13   | 7         | 6         | -    | -     | -                | -                | -                |                       |  |
| Whooping-cough -                           | 91·7  | 89   | 42        | 42   | 5     | -                | -                | -                | -   | Quincy, Sore Throat †                                   | 1·6   | -  | -         | -         | -    | -     | -                | -                | -                |                       |  |
| Ephtheria - - -                            | 15·3  | 16   | 1         | 10   | 5     | -                | -                | -                | -   | Enteritis - - -   | 3·4   | 4  | 2         | 1         | -    | 1     | -                | -                | -                |                       |  |
| Simple Continued and Ill-defined Fever -   | 8·7   | 1  | -         | -    | -     | -                | 1                | -                | -   | Peritonitis - - -                                       | 7·6   | -  | -         | -         | 1    | 2     | 1                | -                | -                |                       |  |
| Enteric Fever - -                          | 11·9  | 20   | -         | 2    | 9     | 6                | 3                | -                | -   | Diseases of Liver - -                                   | 33·9  | 18   | 1         | -         | 2    | 4     | 7                | 1                | -                |                       |  |
| Cholera - - -                              | 0·2   | 1  | 1         | -    | -     | -                | -                | -                | -   | Other Diseases of Digestive System -                    | 29·9  | 34   | 4         | -         | 4    | 7     | 6                | 11               | 2                |                       |  |
| Diarrhoea, Dysentery                       | 13·8  | 17   | 9         | 2    | 1     | 1                | -                | 2                | 2   | Diseases of Lymphatic System & of Ductless Glands † - - | 2·1   | 2  | -         | 2         | -    | -     | -                | -                | -                |                       |  |
| Remittent Fever -                          | 0·4   | 1  | -         | 1    | -     | -                | -                | -                | -   | Diseases of Urinary System - -                          | 37·7  | 43   | 1         | 1         | 4    | 7     | 16               | 12               | 2                |                       |  |
| Hydrophobia - -                            | 0·1   | -  | -         | -    | -     | -                | -                | -                | -   | Diseases of Generative System - -                       | 7·3   | 1  | -         | -         | -    | 1     | -                | -                | -                |                       |  |
| Glanders - - -                             | 0·1   | -  | -         | -    | -     | -                | -                | -                | -   | Accidents of Childbirth -                               | 4·3   | 4  | -         | -         | -    | 4     | -                | -                | -                |                       |  |
| Cowpox and Effects of Vaccination † - -    | 0·0   | -  | -         | -    | -     | -                | -                | -                | -   | Diseases of Locomotive System † - -                     | 8·1   | 8  | -         | 1         | 4    | -     | 2                | 1                | -                |                       |  |
| Veneral Affections -                       | 11·6  | 11   | 6         | -    | -     | 2                | 2                | 1                | -   | Diseases of Integumentary System - -                    | 6·1   | 2  | 1         | -         | -    | -     | -                | 1                | -                |                       |  |
| Erysipelas - - -                           | 7·3   | 8  | 1         | -    | 1     | 2                | 2                | 1                | 1   | VIOLENT DEATHS. ‡                                       |   |  |           |           |      |       |                  |                  |                  |                       |  |
| Pyæmia and Septicæmia †                    | 3·5   | 4  | 1         | 2    | -     | 1                | -                | -                | -   | ACCIDENT.)  |   |  |           |           |      |       |                  |                  |                  |                       |  |
| Puerperal Fever -                          | 6·6   | 6  | -         | -    | 6     | -                | -                | -                | -   | Fracture and Contusion                                  | 21·9  | 13   | -         | 1         | 3    | 2     | 2                | 5                | -                |                       |  |
| Other Zymotic Diseases †                   | 1·4   | -  | -         | -    | -     | -                | -                | -                | -   | Gunshot Wound - -                                       | 0·1   | -  | -         | -         | -    | -     | -                | -                | -                |                       |  |
| Thrush - - -                               | 1·8   | 1  | 1         | -    | -     | -                | -                | -                | -   | Cut, Stab - - -   | 0·4   | -  | -         | -         | -    | -     | -                | -                | -                |                       |  |
| Worms and other Parasitical Diseases - -   | 0·5   | 1  | -         | 1    | -     | -                | -                | -                | -   | Burn and Scald - -                                      | 7·0   | 6  | -         | 3         | 1    | -     | 1                | -                | 1                |                       |  |
| Starvation, Want of Breast-milk † - -      | 1·6   | 3  | 2         | -    | -     | 1                | -                | -                | -   | Poison - - -  | 1·8   | 2  | -         | 1         | -    | -     | 1                | -                | -                |                       |  |
| Alcoholism - - -                           | 4·1   | 6  | -         | -    | 3     | 3                | -                | -                | -   | Drowning - - -  | 4·8   | 4  | -         | -         | 1    | 1     | 2                | -                | -                |                       |  |
| Rheumatic Fever, Rheumatism of Heart †     | 6·9   | 9  | -         | 2    | 4     | 3                | -                | -                | -   | Suffocation - - -                                       | 15·4  | 25   | 24        | -         | -    | -     | 1                | -                | -                |                       |  |
| Rheumatism † - -                           | 1·9   | 3  | -         | -    | -     | 1                | 2                | -                | -   | Otherwise - - -   | 3·2   | -  | -         | -         | -    | -     | -                | -                | -                |                       |  |
| Gout - - -                                 | 3·9   | 2  | -         | -    | -     | -                | 2                | -                | -   | (HOMICIDE.)   |   |  |           |           |      |       |                  |                  |                  |                       |  |
| Rickets † - - -                            | 5·1   | 2  | 1         | 1    | -     | -                | -                | -                | -   | Murder & Manslaughter                                   | 1·9   | -  | -         | -         | -    | -     | -                | -                | -                |                       |  |
| Cancer - - -                               | 45·3  | 47   | -         | 2    | 3     | 23               | 19               | 3                | -   | (SUICIDE.)  |   |  |           |           |      |       |                  |                  |                  |                       |  |
| Cases Mesenterica                          | 27·4  | 15   | 8         | 6    | 1     | -                | -                | -                | -   | Gunshot Wound - -                                       | 1·0   | 1  | -         | -         | -    | -     | -                | 1                | -                |                       |  |
| Tubercular Meningitis                      | 35·2  | 27   | 10        | 11   | 6     | -                | -                | -                | -   | Cut, Stab - - -   | 0·9   | -  | -         | -         | -    | -     | -                | -                | -                |                       |  |
| Phthisis - - -                             | 193·4   | 152  | -         | 7    | 17    | 71               | 45               | 12               | -   | Poison - - -  | 1·3   | 3  | -         | -         | -    | 2     | -                | 1                | -                |                       |  |
| Scrophula, Tuberculosis                    | 17·4  | 19   | 6         | 6    | 3     | 2                | 1                | 1                | -   | Drowning - - -  | 1·0   | 1  | -         | -         | -    | -     | 1                | -                | -                |                       |  |
| Other Constitutional Diseases † - -        | 10·4  | 12   | 2         | -    | 2     | 3                | 5                | -                | -   | Hanging - - -   | 1·8   | -  | -         | -         | -    | -     | -                | -                | -                |                       |  |
| Premature Birth - -                        | 33·9  | 31   | 31        | -    | -     | -                | -                | -                | -   | Otherwise - - -   | 0·5   | 1  | -         | -         | -    | -     | -                | -                | -                |                       |  |
| Atelectasis † - -                          | 3·9   | 2  | 2         | -    | -     | -                | -                | -                | -   | (EXECUTION.)  |   |  |           |           |      |       |                  |                  |                  |                       |  |
| Congenital Malformations - -               | 8·0   | 5  | 5         | -    | -     | -                | -                | -                | -   | Hanging - - -   | 0·0   | -  | -         | -         | -    | -     | -                | -                | -                |                       |  |
| Old Age - - -                              | 61·8  | 64   | -         | -    | -     | -                | 28               | 35               | -   | OTHER CAUSES † - -                                      | 62·0  | 47   | 39        | 2         | 1    | -     | 2                | 3                | -                |                       |  |
| Apoplexy - - -                             | 43·1  | 40   | -         | 1    | -     | 2                | 17               | 16               | 4   |   |   |  |           |           |      |       |                  |                  |                  |                       |  |
| Epilepsy - - -                             | 6·1   | 8  | 1         | 1    | 2     | 2                | 2                | -                | -   |   |   |  |           |           |      |       |                  |                  |                  |                       |  |
| Convulsions - - -                          | 53·1  | 48   | 41        | 7    | -     | -                | -                | -                | -   |   |   |  |           |           |      |       |                  |                  |                  |                       |  |
| Other Diseases of Brain and Nervous System | 99·8  | 101  | 13        | 25   | 7     | 9                | 16               | 23               | 8   |   |   |  |           |           |      |       |                  |                  |                  |                       |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9·043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



**TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHOEA, VIOLENCE, INQUEST CASES, and Deaths in Public Institutions, during the Week ended**

| REGISTRATION<br>SUB-DISTRICTS.        |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |     | Inquest<br>Cases. | Deaths in Public<br>Institutions. |
|---------------------------------------|--|--|--|--|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|-------------------|-----------------------------------|
|                                       |  |  |  |  | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     |                   |                                   |
|                                       |  |  |  |  | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |                   |                                   |
| LONDON . . . .                        |  | 3,815,704                                    | 2588                                   | 1593                                   | 346                                       | 418                                 | -           | 16       | 20             | 16          | 89              | -       | 20                             | 1                            | 17         | 56        | 129 | 34                |                                   |
| WEST DISTRICTS.                       |  |  |  |  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                   |                                   |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69886  | 89                                     | 28                                     | 5   | 7                                   | -           | -        | -              | 1           | 3               | -       | -                              | -                            | -          | -         | 2   | 3                 |                                   |
| St. John Paddington H - - - G.J.      |  | 37880  | 10                                     | 7                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | 2                              | -                            | -          | -         | -   | 4                 |                                   |
| Kensington Town WH - - - W.M.         |  | 120141                                       | 51                                     | 46                                     | 9   | 14                                  | -           | 2        | -              | -           | 4               | -       | -                              | -                            | -          | 1         | 1   | 7                 |                                   |
| Brompton HH - - - W.M. & C.           |  | 48010  | 15                                     | 9                                      | 1   | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | 2                 |                                   |
| St. Peter Hammersmith - - - W.M.      |  | 7899   | 4                                      | 1                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Paul Hammersmith H W.M. & G.J.    |  | 64340  | 53                                     | 26                                     | 6   | 6                                   | -           | -        | 1              | 1           | -               | -       | -                              | -                            | -          | 3         | 4   | 4                 |                                   |
| Fulham WH - - - W.M. & C.             |  | 42900  | 63                                     | 27                                     | 10  | 5                                   | -           | 1        | 4              | -           | 2               | -       | -                              | -                            | 1          | -         | 2   | 14                |                                   |
| Chelsea South HHH - - - C.            |  | 30398  | 14                                     | 14                                     | 1   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1   | 3                 |                                   |
| Chelsea North-west WHHHHH - C.        |  | 24925  | 14                                     | 20                                     | 2   | 9                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | 14                |                                   |
| Chelsea North-east - - - C.           |  | 32807  | 28                                     | 15                                     | 4   | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -   | -                 |                                   |
| May Fair WHH - - - G.J.               |  | 80353  | 3                                      | 13                                     | -   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 0                 |                                   |
| Belgrave WHH - - - C.                 |  | 69220  | 62                                     | 16                                     | 3   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 3                 |                                   |
| St. John Westminster HHH - C.         |  | 35496  | 17                                     | 12                                     | 5   | 2                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | 1   | -                 |                                   |
| St. Margaret Westminster H - C.       |  | 24579  | 11                                     | 11                                     | 2   | 1                                   | -           | -        | -              | 3           | -               | -       | 1                              | -                            | 2          | 2         | 5   | -                 |                                   |
| St. James Westminster WHH N.R. & G.J. |  | 22941  | 14                                     | 13                                     | 3   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 5                 |                                   |
| St. Anne Soho HHHHHH - N.R.           |  | 18608  | 6                                      | 7                                      | 1   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | 2                 |                                   |
| NORTH DISTRICTS.                      |  |  |  |  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                   |                                   |
| All Souls Marylebone HHHH - W.M.      |  | 26759  | 8                                      | 8                                      | 1   | 4                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | 4                 |                                   |
| Cavendish Square HHHH - W.M.          |  | 14891  | 2                                      | 4                                      | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -   | -                 |                                   |
| Rectory Marylebone WH G.J. & W.M.     |  | 24800  | 12                                     | 13                                     | 2   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3   | 1                 |                                   |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 32                                     | 5                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 1                 |                                   |
| Christchurch Marylebone H - W.M.      |  | 33700  | 17                                     | 15                                     | 6   | 1                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | 2          | 3         | -   | -                 |                                   |
| St. John Marylebone H - - W.M.        |  | 33688  | 18                                     | 14                                     | 2   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Hampstead WHHHH N.R. & W.M.           |  | 45452  | 34                                     | 23                                     | 4   | 6                                   | -           | -        | -              | 3           | -               | -       | -                              | -                            | 1          | 2         | 3   | -                 |                                   |
| Regent's Park Pancras H - - W.M.      |  | 89115  | 21                                     | 11                                     | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1   | -                 |                                   |
| Tottenham-court WHHHH N.R. & W.M.     |  | 27728  | 15                                     | 18                                     | 3   | 1                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | 1          | 1         | 10  | -                 |                                   |
| Gray's Inn Lane HHH - - N.R.          |  | 30247  | 14                                     | 7                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 3         | 2   | -                 |                                   |
| Somers Town H - - - N.R.              |  | 34369  | 21                                     | 12                                     | 5   | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 2   | -                 |                                   |
| Camden Town WH - - - N.R.             |  | 17811  | 8                                      | 17                                     | -   | 14                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 14  | -                 |                                   |
| Kenilworth W - - - N.R.               |  | 87487  | 41                                     | 41                                     | 7   | 11                                  | -           | -        | -              | 2           | -               | 1       | -                              | -                            | -          | 1         | 14  | -                 |                                   |
| Upper Holloway WHWH - - N.R.          |  | 67946  | 68                                     | 33                                     | 2   | 18                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 2   | 15                |                                   |
| Islington South-west HH - - N.R.      |  | 100976                                       | 84                                     | 37                                     | 11  | 10                                  | -           | -        | -              | 1           | 3               | -       | -                              | -                            | 2          | 3         | 6   | -                 |                                   |
| Islington South-east - - - N.R.       |  | 61825  | 87                                     | 22                                     | 9   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -                 |                                   |
| Highbury H - - - N.R.                 |  | 52048  | 25                                     | 11                                     | 2   | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1   | -                 |                                   |
| Stoke Newington H - - - N.R.          |  | 22781  | 13                                     | 11                                     | 3   | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 3   | -                 |                                   |
| Stamford Hill - - - E.L.              |  | 2977   | 9                                      | 4                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -                 |                                   |
| West Hackney - - - N.R.               |  | 87610  | 27                                     | 8                                      | 4   | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Hackney WHWHH - - - E.L. & N.R.       |  | 76911  | 59                                     | 50                                     | 3   | 9                                   | -           | 5        | 5              | -           | 4               | -       | 2                              | -                            | 2          | 5         | 18  | -                 |                                   |
| South Hackney - - - E.L.              |  | 89548  | 39                                     | 10                                     | 2   | 2                                   | -           | 1        | -              | -           | 1               | -       | 1                              | -                            | -          | 2         | -   | -                 |                                   |
| CENTRAL DISTRICTS.                    |  |  |  |  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                   |                                   |
| St. George Bloomsbury - - - N.R.      |  | 16881  | 5                                      | 7                                      | 3   | 1                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Giles South WH - - - N.R.         |  | 14864  | 10                                     | 5                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3                 |                                   |
| St. Giles North - - - N.R.            |  | 18837  | 8                                      | 2                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Martin-in-the-Fields HH N.R. & C. |  | 17508  | 3                                      | 3                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 2                 |                                   |
| St. Mary-le-Strand H - - - N.R.       |  | 7516   | 3                                      | 1                                      | -   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Clement Dances H - - - N.R.       |  | 8359   | 2                                      | 7                                      | -   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | -                 |                                   |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                      | 2                                      | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | -                 |                                   |
| St. Geo.-the-Martyr HHHHHH N.R.       |  | 18671  | 11                                     | 13                                     | 2   | -                                   | -           | -        | 1              | 1           | -               | 1       | -                              | 1                            | 1          | 1         | 5   | -                 |                                   |
| St. Andrew Eastern W - - - N.R.       |  | 10706  | 2                                      | 2                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1                 |                                   |
| Seaford Hill H - - - N.R.             |  | 6535   | 5                                      | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. James Clerkenwell - - - N.R.      |  | 17516  | 15                                     | 8                                      | 4   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -                 |                                   |
| Amwell Clerkenwell - - - N.R.         |  | 19281  | 9                                      | 3                                      | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Pentonville - - - N.R.                |  | 14773  | 12                                     | 4                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Goswell-street - - - N.R.             |  | 17506  | 11                                     | 7                                      | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | -   | -                 |                                   |
| Old-street H - - - N.R.               |  | 11541  | 19                                     | 1                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -   | -                 |                                   |
| City-road HHL - - - N.R.              |  | 18628  | 15                                     | 5                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Whitecross-street - - - N.R.          |  | 9217   | 9                                      | 5                                      | 2   | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | -   | -                 |                                   |
| Finchbury - - - N.R.                  |  | 7463   | 2                                      | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Holborn Union Workhouse, Mitcham w.   |  | -  | -                                      | 2                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | -                 |                                   |
| St. Botolph H - - - N. & E. L.        |  | 11174  | 10                                     | 2                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1                 |                                   |
| St. Cripplegate - - - N.R.            |  | 7193   | -                                      | 1                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Sepulchre H - - - N.R.            |  | 8383   | -                                      | 16                                     | 1   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 6         | 8   | 14                |                                   |
| St. Bride W - - - N.R.                |  | 8396   | 1                                      | 4                                      | -   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   | -                 |                                   |
| Abchurch-lane - - - N.R.              |  | 13065  | 2                                      | 2                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Broad Street H - - - N.R.             |  | 6652   | 2                                      | 2                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifi Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. E. New River; E. L. East London and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, MEASLES, DIARRHOEA, VIOLENCE, &c., registered in each SUB-DISTRICT Saturday, the 7th April, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |             | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total<br>Deaths during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|--------------------------------|-------------|---|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|
|                                |             |   |                                     |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|                                |             |   |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| EAST DISTRICTS.                |             |   |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| Holywell Shoreditch            | N.R. & E.L. | 7376  | 4                                   | 2                                   | 1   | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Leonard Shoreditch         | HL*         | 14967   | 14                                  | 9                                   | 4   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 12        | 1              | -                                 |
| Hoxton New Town                | -           | 29937   | 25                                  | 11                                  | -   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 4              | -                                 |
| Hoxton Old Town                | -           | 28038   | 16                                  | 5                                   | 3   | -                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | 1          | -         | -              | -                                 |
| Haggerston                     | WH          | 46275   | 33                                  | 16                                  | 8   | 7                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | 1          | 1         | 9              | -                                 |
| Hackney-road                   | H-          | 29738   | 27                                  | 9                                   | 4   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Green, Bethnal Green           | WHL*        | 47932   | 87                                  | 17                                  | 4   | 4                                   | -           | -        | 1              | -           | 2               | -       | -                              | -                            | 1          | 1         | 5              | -                                 |
| Church, Bethnal Green          | -           | 29981   | 29                                  | 6                                   | 2   | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Town, Bethnal Green            | -           | 19810   | 13                                  | 4                                   | -   | 1                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Spitalfields                   | -           | 22585   | 9                                   | 5                                   | 2   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Mill End New Town              | W           | 15473   | 23                                  | 8                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 |
| Whitechapel Church             | H           | 17490   | 14                                  | 14                                  | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 12             | -                                 |
| Goodman's Fields               | -           | 9718  | 3                                   | 2                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -              | 1                                 |
| Alidgate                       | -           | 6102  | 5                                   | 3                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. George's, North            | -           | 38747   | 36                                  | 16                                  | 3   | 1                                   | -           | 2        | -              | -           | 1               | -       | -                              | -                            | -          | 2         | 6              | -                                 |
| St. John, St. George East      | W           | 8410  | 6                                   | 9                                   | -   | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 6              | -                                 |
| Shadwell                       | HH          | 13895   | 9                                   | 6                                   | 1   | -                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | 5              | -                                 |
| Ratcliff                       | -           | 16107   | 12                                  | 5                                   | 2   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Limhouse                       | -           | 32041   | 19                                  | 16                                  | 4   | 2                                   | -           | -        | -              | 1           | -               | 1       | -                              | -                            | 1          | 3         | -              | 1                                 |
| Mill End Old Town West         | -           | 37960   | 35                                  | 16                                  | 2   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | -              | -                                 |
| Mill End Old Town East         | WHL         | 67663   | 42                                  | 59                                  | 10  | 8                                   | -           | 1        | 1              | -           | 2               | -       | -                              | -                            | 1          | 3         | 4              | 1                                 |
| Bow                            | -           | 37074   | 32                                  | 14                                  | 5   | 2                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | 1          | 4         | -              | -                                 |
| Bromley                        | WHL         | 64359   | 45                                  | 45                                  | 7   | 11                                  | -           | -        | 1              | -           | 3               | -       | -                              | -                            | 2          | 8         | 21             | -                                 |
| Poplar                         | WHL         | 55077   | 44                                  | 24                                  | 9   | 4                                   | -           | -        | -              | -           | 2               | -       | 1                              | -                            | 3          | 1         | -              | -                                 |
| SOUTH DISTRICTS.               |             |   |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| Christchurch Southwark         | WH          | 13663   | 10                                  | 8                                   | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| St. Saviour Southwark          | -           | 14999   | 7                                   | 7                                   | 2   | 2                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Kent-road                      | -           | 21861   | 12                                  | 10                                  | 3   | 1                                   | -           | -        | -              | 1           | -               | 1       | -                              | -                            | -          | -         | -              | -                                 |
| Borough-road                   | WH          | 15953   | 13                                  | 4                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 |
| London-road                    | HL          | 21318   | 12                                  | 9                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 |
| Trinity Newington              | -           | 26672   | 18                                  | 9                                   | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Peter Walworth             | W           | 59555   | 40                                  | 25                                  | 4   | 15                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 1                                 |
| St. Mary Newington             | -           | 21623   | 16                                  | 7                                   | 2   | 1                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Olave                      | WH          | 11856   | 10                                  | 10                                  | 2   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | -                                 |
| Leather Market                 | -           | 16300   | 13                                  | 8                                   | 2   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -              | -                                 |
| St. Mary Magdalen              | W           | 14669   | 8                                   | 11                                  | 5   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2              | -                                 |
| St. James Bermondsey           | -           | 54683   | 39                                  | 22                                  | 9   | 5                                   | -           | -        | -              | 2           | -               | 1       | -                              | -                            | 1          | -         | -              | -                                 |
| Rotherhithe                    | WHL         | 36024   | 37                                  | 19                                  | 3   | 6                                   | -           | -        | -              | -           | -               | 2       | -                              | -                            | -          | 1         | 5              | -                                 |
| Waterloo-road 1st              | H           | 15195   | 7                                   | 7                                   | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |
| Waterloo-road 2nd              | H           | 15651   | 23                                  | 6                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Lambeth Church 1st             | H           | 19876   | 10                                  | 19                                  | 4   | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 2          | 3         | 8              | -                                 |
| Lambeth Church 2nd             | WH          | 39859   | 40                                  | 38                                  | 3   | 9                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 16             | -                                 |
| Kennington 1st                 | -           | 45232   | 21                                  | 19                                  | 3   | 4                                   | -           | -        | -              | 1           | 4               | -       | -                              | -                            | -          | -         | 2              | -                                 |
| Kennington 2nd                 | -           | 36332   | 22                                  | 11                                  | 4   | 5                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Brixton                        | WHL         | 62837   | 26                                  | 22                                  | 4   | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -              | 1                                 |
| Norwood                        | W           | 19017   | 11                                  | 9                                   | 3   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| East Battersea                 | -           | 54675   | 49                                  | 25                                  | 10  | -                                   | -           | -        | 1              | 1           | 2               | -       | 1                              | -                            | 3          | 5         | -              | -                                 |
| West Battersea                 | WHL         | 52587   | 47                                  | 25                                  | 10  | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 1              | 6                                 |
| Clapham                        | H           | 36380   | 24                                  | 11                                  | 3   | 2                                   | -           | -        | -              | 2           | -               | -       | 1                              | -                            | -          | -         | 3              | 1                                 |
| Wandsworth                     | WHL         | 23004   | 37                                  | 17                                  | 4   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Fulney                         | -           | 15235   | 7                                   | 4                                   | 1   | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Streatham                      | -           | 25553   | 25                                  | 9                                   | 2   | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | -              | -                                 |
| Dulwich                        | -           | 5590  | 3                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Camberwell                     | WHL*        | 59104   | 50                                  | 33                                  | 7   | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Peckham                        | W           | 17089   | 47                                  | 18                                  | 4   | 5                                   | -           | -        | 1              | -           | 2               | -       | 1                              | -                            | 1          | -         | 20             | 1                                 |
| St. George Camberwell          | -           | 50810   | 54                                  | 17                                  | 6   | 1                                   | -           | -        | 1              | -           | -               | -       | 1                              | -                            | 1          | 1         | -              | -                                 |
| St. Paul Deptford              | WHL         | 76752   | 61                                  | 31                                  | 9   | 5                                   | -           | 1        | 1              | 1           | 1               | -       | -                              | -                            | -          | 2         | 1              | 2                                 |
| St. Nicholas Deptford          | -           | 7901  | 3                                   | 2                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Greenwich West                 | H           | 21972   | 11                                  | 11                                  | 2   | 4                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Greenwich East                 | WHL         | 24608   | 24                                  | 21                                  | 3   | 9                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 5         | 7              | -                                 |
| Eltham                         | H           | 2043  | 2                                   | 1                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Lee                            | H           | 21559   | 16                                  | 2                                   | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Lewisham                       | WH          | 19865   | 20                                  | 17                                  | 2   | 6                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -          | 5         | -              | -                                 |
| Sydenham                       | H           | 26076   | 5                                   | 3                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | -              | -                                 |
| Charlton                       | H           | 10980   | 3                                   | 3                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | -                                 |
| Woolwich Dockyard              | -           | 17617   | 10                                  | 6                                   | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Woolwich Arsenal               | HH          | 18048   | 8                                   | 7                                   | 1   | 2                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | -                                 |
| Mumstead, West                 | H           | 14009   | 3                                   | 2                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Mumstead, East                 | W           | 15241   | 25                                  | 22                                  | 1   | 7                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | 9              | 2                                 |
| Metropolitan Asylum Hospitals: |             |   |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| Dartford                       | W           | -   | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Winchmore Hill                 | W           | -   | -                                   | 1                                   | -   | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| Plaistow                       | W           | -   | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the above Table by w:-

Marylebone Infirmary in Kensington Town sub-district.  
 Poplar and Stepney Sick Asylum in Tottenham Court-road sub-district.  
 Holborn Infirmary in Upper Holloway sub-district.  
 London City Workhouse Hackney sub-district.  
 Holborn " Hoxton New Town sub-district.  
 Whitechapel " Mile End Old Town Eastern sub-dist.  
 London City " Mile End Old Town Eastern sub-dist.  
 " " and Bromley sub-district.

Stepney Workhouse in Bromley sub-district.  
 Poplar & Stepney Sick Asylum " "  
 Westminster Union Industrial School in West Battersea sub-district.  
 Strand and Holborn Workhouses outside Registration London.  
 Metropolitan Asylum District Hospitals in Finsbury, Hamstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

\* Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 7th April, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |    |    |                |                                   |
|---|--------------------------------|--|--|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----|----|----------------|-----------------------------------|
|   |                                |  |  |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |    |    | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |                                |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |    |    |                |                                   |
| LONDON—OUTER RING   |                                | 370,924  | 950,957                                      | 863     | 384     | 101                                       | 104                                 | -           | 2        | 5              | 8           | 27              | 4      | 5          | 6         | 10 | 47 |                |                                   |
| 30:1  | Carshalton wL -                | 12228  | 21118  | 7       | 19      | 4   | 7                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | 13             |                                   |
| 2   | Epsom (part of)* WwH           | 9971   | 10710  | 4       | 3       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 37:1  | Godstone (part of)* -          | 2754   | 1235   | 2       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 38:1  | Croydon WwHHL -                | 20651  | 101241                                       | 71      | 42      | 6   | 9                                   | -           | -        | -              | -           | 3               | -      | -          | 3         | 3  | 7  |                |                                   |
| 2   | Mitcham w† -                   | 11697  | 17932  | 16      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 39:1  | Wimbledon HHH -                | 3220   | 15950  | 14      | 4       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | 1              |                                   |
| 2   | Kingston WHH -                 | 8549   | 36354  | 33      | 10      | 4   | 1                                   | -           | 1        | -              | 1           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 3   | Esher (part of)* -             | 6601   | 9221   | 5       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  | -              |                                   |
| 4   | Hampton H -                    | 4573   | 18539  | 11      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | -  | -              |                                   |
| 40:1  | Richmond WH -                  | 2272   | 21302  | 9       | 7       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | 4  |                |                                   |
| 2   | Mortlake - - -                 | 2941   | 12331  | 10      | 4       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 41:1  | Bromley (pt. of)* HH           | 15660  | 31142  | 20      | 11      | 6   | 4                                   | -           | -        | -              | 2           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15844  | 23      | 9       | 4   | 4                                   | -           | -        | -              | 1           | 1               | -      | -          | -         | 1  | 1  | -              |                                   |
| 42:1  | Bexley H - - -                 | 13437  | 24134  | 3       | 3       | 7   | 3                                   | -           | -        | -              | 1           | -               | -      | -          | -         | 1  | -  | -              |                                   |
| 124:1   | Sunbury w - - -                | 17055  | 11685  | 10      | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1  | -  | -              |                                   |
| 2   | Staines W - - -                | 13277  | 12089  | 9       | 7       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 125:1   | Hillingdon WHH -               | 6029   | 10802  | 13      | 3       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | 1              |                                   |
| 2   | Uxbridge - - -                 | 6173   | 3225   | 5       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 3   | Hayes wHL - - -                | 14587  | 11623  | 13      | 7       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | 3  |                |                                   |
| 126:1   | Isleworth WHH -                | 7003   | 22727  | 9       | 7       | 2   | 3                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -  | -  | 1              |                                   |
| 2   | Twickenham H -                 | 2477   | 12479  | 4       | 6       | 4   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 3   | Brentford HL - -               | 4345   | 27649  | 15      | 9       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | 1              |                                   |
| 4   | Chiswick - - -                 | 1340   | 15975  | 17      | 7       | 2   | 1                                   | -           | -        | -              | 2           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 5   | Acton wH - - -                 | 6083   | 22376  | 21      | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 127:1   | Harrow H - - -                 | 10809  | 12796  | 10      | 2       | -   | -                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 2   | Edgware H - - -                | 6994   | 3749   | 3       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 3   | Willesden - - -                | 4383   | 37453  | 32      | 23      | 5   | 5                                   | -           | -        | -              | 1           | 2               | -      | -          | 1         | -  | -  | -              |                                   |
| 4   | Hendon W - - -                 | 8382   | 10484  | 15      | 6       | 2   | -                                   | -           | -        | -              | 2           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 128:1   | South Mimms - -                | 15599  | 6321   | 5       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 2   | Barnet - - -                   | 8483   | 10092  | 6       | 4       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  | -              |                                   |
| 3   | Finchley HL - -                | 4688   | 17615  | 17      | 14      | 3   | 3                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -  | -  | 6              |                                   |
| 129:1   | Hornsey H - - -                | 3039   | 37073  | 18      | 7       | 2   | 2                                   | -           | -        | 1              | 1           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 2   | Tottenham H - -                | 4642   | 46456  | 74      | 9       | 2   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | -              |                                   |
| 3   | Edmonton Ww† -                 | 7483   | 23433  | 20      | 12      | 3   | 5                                   | -           | -        | 1              | 1           | 1               | -      | -          | -         | -  | -  | 3              |                                   |
| 4   | Enfield WH - - -               | 12633  | 19104  | 11      | 10      | 2   | 5                                   | -           | -        | -              | -           | -               | 1      | 1          | -         | -  | -  | 1              |                                   |
| 5   | Waltham Abbey -                | 11017  | 5363   | 3       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 6   | Cheshunt - - -                 | 8490   | 7725   | 3       | 5       | 2   | 1                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 135:1   | Hatfield (part of)* -          | 3206   | 533  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 137:1   | Bushey - - -                   | 9331   | 6821   | 1       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 136:1   | Stratford - - -                | 382  | 38606  | 32      | 16      | 2   | 3                                   | -           | 1        | -              | 1           | -               | -      | -          | 1         | 1  | -  | -              |                                   |
| 2   | West Ham wvow H†               | 7351   | 101053                                       | 145     | 52      | 17  | 12                                  | -           | -        | 1              | -           | 9               | -      | -          | -         | 1  | -  | -              |                                   |
| 3   | Leyton WwL - -                 | 4372   | 32430  | 33      | 17      | 3   | 5                                   | -           | -        | -              | -           | 1               | 1      | -          | -         | -  | -  | 4              |                                   |
| 4   | Walthamstow H -                | 6530   | 26869  | 35      | 8       | 2   | 2                                   | -           | 1        | -              | 1           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 137:1   | Chigwell (part of)* H          | 11761  | 9639   | 7       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 139:1   | Romford (part of)* -           | 6730   | 3411   | 3       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | -              |                                   |
| 2   | Ulford - - -                   | 8493   | 7645   | 3       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | -  | -              |                                   |
| 3   | Barking Town - -               | 4127   | 9203   | 10      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | -  | -              |                                   |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Waringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 7th April, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16. |  |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 18·7  | 2·2                                   | 1977                             | 447                                       | 522  | -           | 18       | 25                | 24          | 116                 | 25     | 22        | 62        | 394 |  |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 19·4  | 2·2                                   | 1593                             | 346                                       | 418  | -           | 16       | 20                | 16          | 89                  | 21     | 17        | 56        | 347 |  |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 16·1  | 2·1                                   | 384                              | 101                                       | 104  | -           | 2        | 5                 | 8           | 27                  | 4      | 5         | 6         | 47  |  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,137 Persons.

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA                     | 433,219                               | February 26                 | -                               | 219     | 26·3                               | Fevers 55; cholera 46; measles 4.                     |
| BOMBAY                       | 773,196                               | March 13                    | 313                             | 408     | 24·1                               | Fevers 103; small-pox 24; measles 7.                  |
| MADRAS                       | 398,777                               | February 24                 | 281                             | 277     | 36·2                               | Fevers 78; cholera 7; diarrheal diseases 35.          |
| PARIS                        | 2,260,945                             | March 31                    | 1440                            | 1122    | 26·0                               | Sm.-px. 4; diph. & cp. 46.                            |
| BRUSSELS (with 8 Faubourgs.) | 454,410                               | " 24                        | 287                             | 196     | 22·1                               | Typhus and typhd. fev. 3.                             |
| AMSTERDAM                    | 389,916                               | " 31                        | 254                             | 176     | 19·5                               | -   |
| ROTTERDAM                    | 193,660                               | " 31                        | 147                             | 103     | 23·4                               | Diphtheria 2; whooping-cough 5.                       |
| THE HAGUE                    | 149,410                               | " 31                        | 103                             | 70      | 27·6                               | -   |
| COPENHAGEN                   | 300,000                               | " 20                        | 196                             | 136     | 24·3                               | -   |
| STOCKHOLM                    | 216,807                               | " 24                        | 137                             | 118     | 23·7                               | Scarlet fever 5; diphtheria and croup 8.              |
| CHRISTIANIA                  | 134,000                               | " 31                        | 52                              | 55      | 28·3                               | Scarlet fever 4; diphtheria and croup 3.              |
| ST. PETERSBURG               | 928,016                               | " 24                        | -                               | 667     | 20·9                               | Diphtheria and croup 6; scarlet fever 2.              |
| BERLIN                       | 1,413,603                             | " 17                        | 827                             | 518     | 37·5                               | Typhus & typhd. fev. 13; measles 16; diph. 12.        |
| HAMBURG (State)              | 529,091                               | " 24                        | 384                             | 279     | 19·2                               | Diphtheria 16; whooping-cough 8; meas. 5.             |
| DRESDEN                      | 259,142                               | " 17                        | 155                             | 102     | 27·5                               | Measles 15; typh. & typhd. fev. 10; diph. & croup 10. |
| BRISLAU                      | 308,105                               | " 24                        | 201                             | 160     | 20·5                               | Diphtheria and croup 3; diarrheal diseases 15.        |
| MUNICH                       | 275,000                               | " 24                        | 191                             | 157     | 26·5                               | Diphtheria and croup 3.                               |
| VIENNA                       | 800,836                               | " 24                        | 576                             | 495     | 29·7                               | Diphtheria and croup 4; whooping-cough 5.             |
| PRAGUE                       | 295,857                               | " 24                        | -                               | 181     | 26·3                               | Measles 5; scar. fever 5; typh. & typhd. fever 4.     |
| BUDA-PESTH                   | 442,787                               | " 24                        | 344                             | 334     | 31·9                               | Small-pox 16; measles 8; typ. & typhd. fev. 7.        |
| TRIESTE                      | 156,042                               | " 24                        | -                               | 112     | 39·2                               | Diphtheria 7; croup 3; typ. and typhd. fev. 5.        |
| ROME                         | 382,973                               | February 25                 | 272                             | 237     | 37·3                               | Diphtheria and croup 4; wh.-cough 2; sm.-pox 1.       |
| TURIN (10 days)              | 294,826                               | March 10                    | -                               | -       | 32·3                               | Small-pox 3; typhoid fever 6.                         |
| VENICE                       | 150,502                               | " 24                        | 80                              | 67      | -                                  | -   |
| CAIRO                        | 374,838                               | " 15                        | 362                             | 258     | 23·2                               | Typhoid fever 1.                                      |
| ALEXANDRIA                   | 231,396                               | " 15                        | 199                             | 147     | 35·9                               | Typh. fev. 8; whooping-cough 5; diarr. dis. 74.       |
| NEW YORK                     | 1,493,000                             | " 17                        | -                               | 800     | 33·1                               | Typh. fev. 2; diarrheal diseases 34.                  |
| BROOKLYN                     | 774,570                               | " 17                        | -                               | 402     | 28·0                               | Sm.-pox. 4; scar. fev. 28; diphtheria 43.             |
| PHILADELPHIA                 | 1,016,758                             | " 17                        | -                               | 382     | 27·1                               | Diphtheria 25; croup 16; scarlet fever 22.            |
| BALTIMORE                    | 437,155                               | " 17                        | -                               | 190     | 19·6                               | Diphtheria 5; croup 4; typhoid fever 11.              |
|                              |                                       |                             |                                 |         | 22·7                               | Measles 9; croup 6; whooping-cough 3.                 |





# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 15, 1888. VOL. XLIX.] WEEK ENDING SATURDAY, APRIL 14. [Price 1½d.

General Register Office, Somerset House,  
16th April, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·9 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |             |            |             | TOWNS.             | Weeks ending |             |            |             |
|--------------|--------------|-------------|------------|-------------|--------------------|--------------|-------------|------------|-------------|
|              | Mar.<br>24.  | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. |                    | Mar.<br>24.  | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. |
| Birkenhead   | 24·0         | 15·1        | 18·8       | 18·2        | Liverpool -        | 22·4         | 22·4        | 19·3       | 22·9        |
| Birmingham   | 18·9         | 19·5        | 18·5       | 20·5        | London -           | 20·2         | 20·3        | 19·4       | 20·6        |
| Blackburn -  | 28·1         | 33·3        | 28·1       | 28·1        | Manchester -       | 30·4         | 26·4        | 29·7       | 34·9        |
| Bolton       | 23·0         | 31·3        | 22·1       | 25·3        | Newcastle-on-Tyne* | 22·0         | 25·6        | 18·1       | 23·0        |
| Bradford*    | 18·4         | 21·3        | 18·4       | 19·5        | Norwich -          | 20·1         | 22·3        | 18·9       | 18·4        |
| Brighton -   | 19·6         | 19·1        | 14·8       | 21·3        | Nottingham*        | 21·7         | 21·7        | 15·1       | 24·9        |
| Bristol -    | 18·4         | 19·1        | 21·9       | 22·3        | Oldham -           | 21·1         | 21·5        | 19·6       | 24·2        |
| Cardiff*     | 15·4         | 18·3        | 22·6       | 21·1        | Plymouth -         | 37·6         | 25·5        | 23·5       | 26·2        |
| Derby -      | 23·8         | 21·7        | 13·6       | 23·8        | Portsmouth -       | 19·4         | 22·1        | 19·1       | 16·8        |
| Halifax      | 16·3         | 22·8        | 15·0       | 21·5        | Preston -          | 26·3         | 33·4        | 22·7       | 26·8        |
| Huddersfield | 14·8         | 24·5        | 18·3       | 17·7        | Salford*           | 21·2         | 25·4        | 23·7       | 24·9        |
| Hull -       | 16·8         | 17·8        | 15·5       | 18·8        | Sheffield -        | 22·7         | 21·2        | 23·4       | 23·5        |
| Leeds -      | 21·5         | 22·3        | 21·2       | 21·4        | Sunderland -       | 19·4         | 23·7        | 15·0       | 17·8        |
| Leicester*   | 23·8         | 21·3        | 19·9       | 19·2        | Wolverhampton -    | 19·8         | 21·1        | 17·2       | 30·0        |

The highest annual death-rates from *measles* were 0·9 in Nottingham and 2·7 in Plymouth; from *scarlet fever*, 1·0 in Birkenhead and in Hull, and 1·1 in Oldham; from *whooping-cough*, 1·3 in London, 1·8 in Leicester and in Blackburn, and 2·3 in Salford; and from "*fever*," 1·1 in Derby. The 33 deaths from *diphtheria* in the twenty-eight towns included 19 in London, 4 in Liverpool, and 2 in Sheffield. *Small-pox* caused 11 deaths in Sheffield, 3 in Blackburn, one in Bristol, and one in Manchester, but not one in London or in any of the twenty-three other large provincial towns.

## LONDON.

In LONDON† 2831 BIRTHS and 1692 DEATHS were registered. Allowing for increase of population, the births exceeded by 62, while the deaths were 126 below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 20·3 and 19·4 in the two preceding weeks, rose again last week to 20·6. During the thirteen weeks of last quarter the death-rate averaged 22·0 per 1000, and was 1·7 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1692 deaths included 12 from *measles*, 17 from *scarlet fever*, 19 from *diphtheria*, 108 from *whooping-cough*, 9 from *enteric fever*, 19 from *diarrhoea* and

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 184 deaths were referred to these diseases, being 70 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 24. There were 15 small-pox patients under treatment in the Metropolitan Asylum Hospitals on Saturday last (against 8 at the end of the previous week), and 2 in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had declined in the four preceding weeks from 22 to 16, further fell last week to 12, and were 48 below the corrected average; 3 belonged to Kensington sanitary area. The deaths from *scarlet fever*, which had been 40 and 20 in the two preceding weeks, further declined last week to 17, and were 6 below the corrected average; 2 belonged to Pancras, 2 to Poplar, and 3 to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 1002 scarlet fever patients (there were also 81 in the London Fever Hospital), against numbers declining in the nineteen preceding weeks from 2600 to 1032; 92 cases were admitted to the Metropolitan Asylum Hospitals during the week, against numbers declining from 100 to 62 in the five preceding weeks. The 19 deaths from *diphtheria* showed a further increase upon the numbers in the two preceding weeks, and exceeded the corrected average by one; 2 belonged to Pancras, 2 to Clerkenwell, and 2 to Camberwell sanitary areas. The 108 fatal cases of *whooping-cough* also showed an increase upon recent weekly numbers, and exceeded the corrected average by 11; 7 belonged to Kensington, 8 to Pancras, 6 to Shoreditch, 10 to Bethnal Green, 6 to Stepney, 4 to Newington, 4 to Bermondsey, 7 to Lambeth, and 6 to Camberwell sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 6, 16, and 17 in the three preceding weeks, further rose last week to 19, and exceeded the corrected average by 8; 11 were of infants aged under one year.

The deaths referred to *enteric fever*, which had been 10, 13, and 20 in the three preceding weeks, declined last week to 9, and were 8 below the corrected average; 2 belonged to Mile End Old Town, and 2 to Lambeth sanitary areas. The Metropolitan Asylum Hospitals contained 122 cases of enteric fever, and not one of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week.

The death of a cab proprietor, aged 32 years, resulted from glanders in Westminster sanitary area.

The deaths referred to diseases of the respiratory organs, which had been 460 and 419 in the two preceding weeks, rose again last week to 444, but were 18 below the corrected average.

Different forms of violence caused 52 deaths; 42 were the result of negligence or accident, among which were 15 from fractures and contusions, 6 from burns and scalds, 4 from drowning, and 14 of infants under one year of age from suffocation, including an infant, aged 5 months, who died through the administration of chloroform in Guy's Hospital. The 15 deaths from fractures and contusions were thus caused:—6 by accident from vehicles in the street; 1 by fall into barge; 1 by fall from chair; 1 by blow; 3 by fall, and 1 by injury, and 2 by fracture, the causes of which were not stated. An inquest was held in each of these 15 cases except the last two. Nine cases of suicide were registered, being one above the corrected average.

#### GREATER LONDON.

In Greater London 3788 births and 2075 deaths were registered, corresponding to annual rates of 35·8 and 19·6 per 1000 of the population. In the Outer Ring 18 deaths from whooping-cough, 10 from diphtheria, 5 from measles, and 5 from scarlet fever, were registered. Three fatal cases of whooping-cough occurred in Finchley, and 3 of measles in Richmond sub-districts. The 10 deaths from diphtheria included 4 in Enfield and 2 in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·75 in.; the highest reading was 29·93 in. on Tuesday evening, and the lowest 29·59 in. on Friday morning. The mean temperature of the *air* was 42°·2, and 42°·9 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on each of the first five days of the week, but showed an excess on Friday and Saturday. The direction of the *wind* was variable, and the horizontal movement of the *air* averaged 13·3 miles per hour, which was 1·2 miles above the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·11 of an inch. The duration of registered bright sunshine in the week was 21·5 hours, against 13·4 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 14th April, 1888.

| CITIES AND BOROUGHES. | Cols. | POPULATION estimated to the middle of 1886. |      | Registered during the Week ending April 14th, 1888. |                              | The DEATHS registered in the Week include |             |          |                |             |                 |         |            |                                |                  | Annual Rate per 1000, corresponding to the Week of Deaths |                                |             |          | TEMPERATURE OF THE AIR. |             |            |          | RAINFALL.   |      | CITIES AND BOROUGHES. |
|-----------------------|-------|---|------|---|------------------------------|---|-------------|----------|----------------|-------------|-----------------|---------|------------|--------------------------------|------------------|---|--------------------------------|-------------|----------|-------------------------|-------------|------------|----------|-------------|------|-----------------------|
|                       |       | 1.  | 2.   | 3.  | Deaths of                    |   | Deaths from |          |                |             |                 |         |            | Deaths in Public Institutions. | Causes of Death. | From All Causes.  | From (1) Causes in Cols. 6-12. | Fahrenheit. |          | Mean.                   | Centigrade. | In Inches. | In Cent. |             |      |                       |
|                       |       |   |      |   | Infants under 1 Year of Age. | Persons aged 60 Years and upwards.        | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Erysip. | Diarrhoea. |                                |                  |   |                                | Violence.   | Highest. | Lowest.                 |             |            |          | Fahrenheit. |      |                       |
| 28 TOWNS*             |       | 9,338,273                                   | 6477 | 3952  | 941                          | 921                                       | 16          | 32       | 46             | 33          | 172             | 21      | 38         | 119                            | 258              | 643   | 104                            | 21.9        | 2.0      | 63.7                    | 27.8        | 21.        | 22.      | 0.21        | 0.53 | 24.                   |
| LONDON*               |       | 4,282,921                                   | 2881 | 1692  | 395                          | 399                                       | -           | 12       | 17             | 19          | 108             | 9       | 19         | 52                             | 121              | 347   | 22                             | 20.6        | 2.2      | 63.7                    | 29.3        | 42.2       | 5.67     | 0.11        | 0.28 | - 28 TOWNS.           |
| BRIGHTON              |       | 119,983                                     | 61   | 49  | 10                           | 12  | -           | -        | -              | -           | 2               | -       | -          | -                              | -                | 1   | 1                              | 21.3        | 0.9      | 63.7                    | 29.5        | 39.5       | 4.17     | 0.21        | 0.53 | LONDON.               |
| PORTSMOUTH            |       | 159,575                                     | 146  | 45  | 10                           | 10  | -           | -        | -              | -           | 1               | -       | -          | -                              | -                | 1   | 1                              | 16.8        | 0.7      | -                       | -           | -          | -        | -           | -    | BRIGHTON.             |
| NORWICH               |       | 93,675                                      | 76   | 33  | 10                           | 10  | -           | -        | -              | -           | -               | -       | -          | -                              | -                | 1   | 1                              | 18.4        | 1.1      | -                       | -           | -          | -        | -           | -    | PORTSMOUTH.           |
| PLYMOUTH              |       | 77,674                                      | 66   | 39  | 6                            | 12  | -           | 4        | -              | -           | 1               | -       | -          | -                              | -                | 3   | 5                              | 26.2        | 3.4      | 68.0                    | 30.5        | 44.5       | 6.67     | 0.11        | 0.28 | NORWICH.              |
| BRISTOL               |       | 226,510                                     | 146  | 97  | 15                           | 28  | 1           | -        | 2              | -           | -               | -       | -          | -                              | 5                | 18  | 4                              | 22.5        | 0.9      | 66.0                    | 28.0        | 42.2       | 5.67     | 0.17        | 0.43 | PLYMOUTH.             |
| WOLVERHAMPTON         |       | 81,651                                      | 63   | 47  | 14                           | 8   | -           | -        | 1              | -           | -               | -       | -          | -                              | 4                | 5   | 7                              | 30.0        | 1.3      | 66.2                    | 27.8        | 39.5       | 4.17     | 0.14        | 0.36 | BRISTOL.              |
| BIRMINGHAM            |       | 447,912                                     | 596  | 176   | 43                           | 48  | -           | 2        | 1              | 1           | 1               | 1       | 2          | 10                             | 22               | 12  | 12                             | 20.5        | 0.9      | -                       | -           | -          | -        | -           | -    | WOLVERHAMPTON.        |
| LEICESTER*            |       | 146,790                                     | 112  | 54  | 19                           | 13  | -           | -        | -              | -           | 5               | -       | -          | 3                              | 5                | 4   | 1                              | 19.2        | 1.8      | -                       | -           | -          | -        | -           | -    | BIRMINGHAM.           |
| NOTTINGHAM*           |       | 230,921                                     | 167  | 110   | 31                           | 29  | -           | 4        | 1              | 1           | 2               | 1       | -          | 1                              | 4                | 13  | 1                              | 24.9        | 2.0      | 55.0                    | 30.2        | 40.4       | 4.67     | 0.15        | 0.38 | LEICESTER.            |
| DERBY                 |       | 96,241                                      | 67   | 44  | 13                           | 12  | -           | -        | 1              | -           | 2               | 2       | -          | 3                              | 6                | 9   | 1                              | 23.8        | 2.7      | -                       | -           | -          | -        | -           | -    | NOTTINGHAM.           |
| BIRKENHEAD            |       | 100,093                                     | 63   | 35  | 2                            | 10  | -           | -        | 2              | -           | -               | -       | -          | -                              | -                | 3   | 1                              | 18.2        | 1.0      | -                       | -           | -          | -        | -           | -    | DERBY.                |
| LIVERPOOL             |       | 559,738                                     | 392  | 263   | 54                           | 48  | -           | 2        | 4              | 4           | 9               | 1       | 3          | 11                             | 14               | 48  | 16                             | 22.9        | 2.0      | 54.9                    | 36.8        | 43.0       | 6.11     | 0.19        | 0.48 | BIRKENHEAD.           |
| BOLTON                |       | 113,506                                     | 84   | 55  | 10                           | 16  | -           | -        | 1              | -           | 2               | 1       | -          | -                              | 2                | 5   | -                              | 25.3        | 1.8      | -                       | -           | -          | -        | -           | -    | LIVERPOOL.            |
| MANCHESTER            |       | 578,164                                     | 317  | 253   | 56                           | 49  | 1           | 2        | 3              | -           | 9               | 1       | 2          | 6                              | 20               | 57  | 12                             | 34.9        | 2.5      | -                       | -           | -          | -        | -           | -    | BOLTON.               |
| SALFORD*              |       | 226,335                                     | 165  | 108   | 26                           | 23  | -           | 1        | 1              | 1           | 10              | 1       | -          | 3                              | 3                | 15  | 8                              | 24.9        | 3.2      | -                       | -           | -          | -        | -           | -    | MANCHESTER.           |
| OLDHAM                |       | 138,220                                     | 97   | 64  | 14                           | 12  | -           | -        | 3              | -           | -               | -       | -          | -                              | 8                | -   | -                              | 24.2        | 1.5      | -                       | -           | -          | -        | -           | -    | SALFORD.              |
| BLACKBURN             |       | 119,059                                     | 98   | 64  | 19                           | 16  | 3           | -        | 1              | -           | 4               | -       | 1          | 2                              | 3                | 5   | 1                              | 28.1        | 3.5      | -                       | -           | -          | -        | -           | -    | OLDHAM.               |
| PRESTON               |       | 103,254                                     | 97   | 53  | 18                           | 12  | -           | -        | -              | -           | -               | -       | -          | -                              | -                | 3   | 1                              | 26.8        | 0.5      | 52.0                    | 33.0        | 41.9       | 5.50     | 0.49        | 1.24 | BLACKBURN.            |
| HUDDESFIELD           |       | 91,419                                      | 54   | 31  | 12                           | 2   | -           | -        | -              | -           | 1               | -       | -          | -                              | 2                | 4   | 4                              | 17.7        | 1.1      | -                       | -           | -          | -        | -           | -    | PRESTON.              |
| HALIFAX               |       | 80,188                                      | 41   | 33  | 8                            | 8   | -           | -        | 1              | -           | 1               | -       | -          | 1                              | 1                | 3   | -                              | 21.5        | 2.0      | -                       | -           | -          | -        | -           | -    | HUDDESFIELD.          |
| BRADFORD              |       | 229,751                                     | 177  | 86  | 20                           | 21  | -           | 4        | -              | -           | 1               | -       | -          | 1                              | 8                | 4   | 1                              | 19.5        | 1.4      | 51.6                    | 30.4        | 41.0       | 5.00     | 0.20        | 0.51 | HALIFAX.              |
| LEEDS                 |       | 331,210                                     | 228  | 144   | 38                           | 31  | -           | 1        | 1              | -           | 4               | -       | -          | 1                              | 6                | 12  | 19                             | 21.4        | 1.0      | -                       | -           | -          | -        | -           | -    | BRADFORD.             |
| SHEFFIELD             |       | 321,711                                     | 191  | 145   | 40                           | 33  | 11          | -        | 1              | 1           | 4               | 2       | 1          | 1                              | 1                | 8   | 8                              | 23.5        | 3.4      | -                       | -           | -          | -        | -           | -    | LEEDS.                |
| HULL                  |       | 202,359                                     | 131  | 73  | 16                           | 19  | -           | -        | 4              | 1           | 2               | -       | 2          | 1                              | 1                | 6   | 5                              | 18.8        | 2.3      | 58.0                    | 28.0        | 40.0       | 4.44     | 0.31        | 0.79 | SHEFFIELD.            |
| SUNDERLAND            |       | 131,919                                     | 90   | 45  | 13                           | 12  | -           | -        | -              | -           | -               | -       | -          | -                              | 2                | 3   | 4                              | 17.8        | 0.4      | -                       | -           | -          | -        | -           | -    | HULL.                 |
| NEWCASTLE*            |       | 119,143                                     | 135  | 70  | 17                           | 23  | -           | -        | 2              | -           | 1               | 1       | 1          | 1                              | 1                | 8   | 15                             | 23.0        | 1.6      | 60.0                    | 34.0        | 42.2       | 5.67     | 0.23        | 0.58 | SUNDERLAND.           |
| CARDIFF*              |       | 168,570                                     | 106  | 44  | 12                           | 5   | -           | -        | -              | -           | -               | -       | -          | -                              | 1                | 2   | 3                              | 21.1        | 1.0      | -                       | -           | -          | -        | -           | -    | NEWCASTLE.            |
| EDINBURGH             |       | 182,783                                     | 142  | 104   | 18                           | 26  | -           | 2        | 1              | 2           | 4               | 1       | 2          | 3                              | ?                | 20  | 26                             | 20.7        | 2.4      | 69.5                    | 28.0        | 45.2       | 7.33     | 0.18        | 0.46 | EDINBURGH.            |
| GLASGOW               |       | 556,058                                     | 388  | 225   | 49                           | 38  | -           | 3        | 2              | -           | 11              | 5       | 4          | 3                              | ?                | 35  | 26                             | 22.3        | 2.6      | 58.0                    | 25.0        | 43.8       | 6.56     | 0.38        | 0.97 | GLASGOW.              |
| DUBLIN                |       | 355,062                                     | 232  | 187   | 30                           | 43  | -           | 3        | 1              | -           | 7               | 3       | 1          | 4                              | 6                | 63  | 20                             | 27.6        | 2.9      | 61.8                    | 23.9        | 45.0       | 7.22     | 0.49        | 1.24 | DUBLIN.               |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTEENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2581 | 2355 | 2656 | 2344 | 2529 | 2598 | 2429 | 2617 | 2655 | 2626 | 2768·7   | 2831 |
| Males . .           | 1319 | 1241 | 1329 | 1171 | 1222 | 1349 | 1232 | 1358 | 1342 | 1328 | 1416·6   | 1442 |
| Females .           | 1262 | 1114 | 1327 | 1173 | 1207 | 1249 | 1197 | 1259 | 1313 | 1298 | 1352·1   | 1389 |
| <b>TOTAL Deaths</b> | 1895 | 1786 | 1519 | 1636 | 1727 | 1803 | 1474 | 1706 | 1571 | 1558 | 1818·3   | 1692 |
| Males . .           | 1000 | 870  | 787  | 809  | 865  | 944  | 771  | 865  | 828  | 803  | 931·4  | 832  |
| Females .           | 895  | 916  | 732  | 827  | 862  | 859  | 703  | 841  | 743  | 755  | 886·9  | 810  |

\* The numbers in this column are the average weekly numbers in the fifteenth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Jan.<br>21. | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. |
|--|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|
| <b>TOTAL Births</b>                          | 2688        | 2715        | 2688       | 2880        | 2569        | 2478        | 2778       | 2583        | 2629        | 2522        | 2492        | 2588       | 2831        |
| <b>TOTAL Deaths</b>                          | 2000        | 1816        | 1894       | 1838        | 1689        | 1772        | 1794       | 1886        | 1604        | 1655        | 1668        | 1593       | 1692        |
| 0—20   | 872         | 849         | 907        | 807         | 763         | 772         | 795        | 811         | 698         | 715         | 747         | 716        | 800         |
| 20—40  | 228         | 215         | 210        | 205         | 178         | 199         | 215        | 223         | 201         | 197         | 183         | 189        | 215         |
| 40—60  | 386         | 304         | 319        | 293         | 300         | 331         | 313        | 300         | 275         | 285         | 340         | 270        | 278         |
| 60—80  | 417         | 366         | 368        | 440         | 353         | 388         | 391        | 465         | 383         | 384         | 329         | 320        | 335         |
| at 80 years & upwds.                         | 97          | 82          | 90         | 93          | 95          | 82          | 80         | 87          | 77          | 74          | 69          | 98         | 64          |
| Deaths of children { Under 1 year            | 403         | 394         | 413        | 394         | 360         | 351         | 371        | 424         | 332         | 361         | 366         | 346        | 395         |
| { 1—5  | 349         | 353         | 366        | 310         | 304         | 320         | 302        | 281         | 274         | 254         | 273         | 263        | 302         |
| { 5—20                                       | 120         | 102         | 128        | 103         | 99          | 101         | 122        | 106         | 92          | 100         | 108         | 107        | 103         |
| Deaths from Small-pox                        | —           | —           | —          | —           | 1           | —           | —          | 2           | —           | —           | —           | —          | —           |
| " " Measles                                  | 14          | 16          | 18         | 15          | 14          | 18          | 15         | 21          | 22          | 18          | 17          | 16         | 12          |
| " " Scarlet fever                            | 42          | 29          | 39         | 36          | 30          | 32          | 27         | 29          | 25          | 24          | 40          | 20         | 17          |
| " " Diphtheria                               | 22          | 29          | 29         | 40          | 18          | 30          | 24         | 24          | 22          | 17          | 15          | 16         | 19          |
| " " Whooping-cough                           | 138         | 168         | 177        | 153         | 122         | 127         | 94         | 101         | 92          | 80          | 93          | 89         | 108         |
| " " Typhus                                   | —           | —           | —          | —           | —           | —           | —          | —           | 1           | 1           | 1           | —          | —           |
| " " Enteric fever                            | 26          | 13          | 26         | 12          | 18          | 16          | 15         | 20          | 10          | 10          | 13          | 20         | 9           |
| " " Simple Cont <sup>d</sup> fever           | 1           | 1           | 3          | 1           | —           | —           | —          | —           | 1           | —           | —           | 1          | —           |
| " " Diarrhoea and<br>Dysentery               | 15          | 11          | 15         | 12          | 8           | 8           | 10         | 17          | 10          | 6           | 16          | 17         | 19          |
| " " Cholera                                  | —           | —           | —          | —           | —           | 1           | —          | —           | —           | —           | —           | 1          | —           |
| Deaths from the above-<br>mentioned Diseases | 258         | 267         | 307        | 269         | 211         | 232         | 185        | 214         | 183         | 156         | 195         | 180        | 184         |
| " " Dis. of Respira-<br>tory System          | 591         | 534         | 516        | 504         | 437         | 478         | 488        | 490         | 459         | 457         | 460         | 419        | 444         |
| " " Phthisis                                 | 153         | 154         | 159        | 149         | 131         | 170         | 165        | 159         | 140         | 144         | 155         | 152        | 150         |
| " " Dis. of Circula-<br>tory System          | 179         | 143         | 154        | 163         | 127         | 134         | 137        | 161         | 137         | 133         | 130         | 128        | 134         |
| Violent Deaths                               | 78          | 59          | 55         | 58          | 39          | 62          | 65         | 51          | 58          | 64          | 75          | 56         | 52          |
| Inquest Cases                                | 155         | 127         | 131        | 119         | 88          | 107         | 149        | 123         | 116         | 120         | 129         | 129        | 121         |
| Deaths in Public Institutions                | 413         | 381         | 388        | 403         | 358         | 405         | 379        | 424         | 355         | 365         | 376         | 347        | 347         |
| TEMPERATURE OF THE AIR                       | —           | —           | —          | —           | —           | —           | —          | —           | —           | —           | —           | —          | —           |
| Mean   | 34·7        | 40·7        | 33·7       | 43·6        | 34·1        | 29·8        | 31·5       | 42·6        | 37·2        | 34·7        | 40·0        | 37·1       | 42·2        |
| Mean of Highest readings                     | 37·5        | 44·6        | 38·8       | 48·4        | 38·1        | 33·9        | 35·9       | 48·8        | 43·2        | 40·6        | 47·5        | 47·0       | 50·3        |
| Mean of Lowest readings                      | 30·7        | 36·8        | 27·6       | 38·9        | 31·1        | 25·9        | 27·5       | 36·9        | 32·7        | 30·4        | 34·5        | 29·3       | 35·3        |
| Humidity of the Air                          | 86          | 83          | 78         | 83          | 82          | 76          | 76         | 79          | 81          | 80          | 87          | 78         | 78          |
| Rain-fall in inches                          | 0·21        | 0·10        | 0·17       | 0·26        | 0·38        | 0·21        | 0·02       | 0·30        | 0·95        | 0·66        | 0·87        | 0·08       | 0·11        |
| Registered Sunshine (in hours)               | 2·5         | 3·0         | 11·1       | 1·8         | 5·6         | 6·0         | 10·4       | 6·5         | 10·8        | 11·3        | 11·2        | 29·0       | 21·5        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTEENTH Week of the Year 1888.

| CAUSES OF DEATH.  | Corrected Averages for the 16th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 14th April 1888. |           |      |       |                  |                  |                  |      |  | CAUSES OF DEATH. | Corrected Averages for the 16th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 14th April 1888. |           |      |       |                  |                  |                  |   |  |
|---|---|---|-----------|------|-------|------------------|------------------|------------------|------|--|------------------|---|---|-----------|------|-------|------------------|------------------|------------------|---|--|
|   |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |      |  |                  |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |   |  |
|   |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. |      |  |                  |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. |   |  |
|   |   |   | 0-1.      | 1-5. | 5-20. |                  |                  | 0-1.             | 1-5. | 5-20.  |                  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |   |  |
| ALL CAUSES - -  | 1818.3  | 1692  | 395       | 302  | 103   | 215              | 273              | 335              | 64   | Diseases of Organs of Special Sense† - -                     | 1.8              | 8   | -   | 1         | 1    | -     | 1                | -                | -                | - |  |
| Small-pox { Vaccinated† - - - - -<br>Unvaccinated - - - - -<br>No Statement - - - - - | 23.6 {  | -   | -         | -    | -     | -                | -                | -                | -    | Diseases of Circulatory System - - - - -                     | 109.5            | 184   | 1   | -         | 11   | 19    | 43               | 57               | 3                |   |  |
| Measles - - - - -   | 60.0  | 12  | 3         | 9    | -     | -                | -                | -                | -    | Croup - - - - -  | 13.6             | 12  | 3   | 6         | 3    | -     | -                | -                | -                | - |  |
| Scarlet Fever - - - - -   | 23.3  | 17  | 2         | 9    | 5     | 1                | -                | -                | -    | Bronchitis - - - - -   | 275.9            | 263   | 54  | 53        | 4    | 4     | 39               | 90               | 14               |   |  |
| Typhus - - - - -  | 1.4   | -   | -         | -    | -     | -                | -                | -                | -    | Pneumonia - - - - -  | 124.4            | 131   | 23  | 34        | 9    | 19    | 13               | 23               | 8                |   |  |
| Relapsing Fever† - - - - -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -    | Pleurisy - - - - -   | 7.7              | 8   | -   | 1         | -    | 1     | -                | -                | -                |   |  |
| Influenza - - - - -   | 0.2   | -   | -         | -    | -     | -                | -                | -                | -    | Other Diseases of Respiratory System - - - - -               | 40.5             | 35  | 5   | 6         | 1    | 3     | 10               | 10               | -                |   |  |
| Whooping-cough - - - - -  | 97.2  | 103   | 34        | 70   | 3     | 1                | -                | -                | -    | Dentition† - - - - -   | 19.6             | 27  | 15  | 12        | -    | -     | -                | -                | -                |   |  |
| Diphtheria - - - - -  | 17.6  | 19  | 1         | 10   | 5     | 2                | -                | 1                | -    | Quinsy, Sore Throat† - - - - -                               | 1.4              | 2   | -   | 2         | -    | -     | -                | -                | -                |   |  |
| Simple Continued and Ill-defined Fever - - - - -                                      | 2.1   | -   | -         | -    | -     | -                | -                | -                | -    | Enteritis - - - - -  | 5.6              | 9   | 6   | 1         | -    | 2     | -                | -                | -                |   |  |
| Enteric Fever - - - - -   | 17.1  | 9   | -         | 1    | 2     | 4                | 1                | 1                | -    | Peritonitis - - - - -  | 6.0              | 6   | -   | -         | 3    | -     | 1                | -                | -                |   |  |
| Cholera - - - - -   | 0.2   | -   | -         | -    | -     | -                | -                | -                | -    | Diseases of Liver - - - - -                                  | 29.9             | 17  | 1   | -         | -    | 4     | 4                | 7                | 1                |   |  |
| Diarrhoea, Dysentery - - - - -  | 11.4  | 19  | 11        | 2    | -     | -                | 2                | 4                | -    | Other Diseases of Digestive System - - - - -                 | 32.8             | 27  | 8   | 3         | -    | 6     | 4                | 6                | -                |   |  |
| Remittent Fever† - - - - -  | 0.7   | -   | -         | -    | -     | -                | -                | -                | -    | Diseases of Lymphatic System & of Ductless Glands† - - - - - | 1.2              | 4   | -   | -         | 1    | 1     | 1                | 1                | -                |   |  |
| Hydrophobia - - - - -   | 0.2   | -   | -         | -    | -     | -                | -                | -                | -    | Diseases of Urinary System - - - - -                         | 37.1             | 53  | 1   | 1         | 6    | 6     | 15               | 8                | 1                |   |  |
| Glanders - - - - -  | 0.0   | 1   | -         | -    | -     | 1                | -                | -                | -    | Diseases of Generative System - - - - -                      | 6.2              | 7   | -   | -         | -    | 1     | 4                | 2                | -                |   |  |
| Cowpox and Effects of Vaccination† - - - - -  | 0.2   | -   | -         | -    | -     | -                | -                | -                | -    | Accidents of Childbirth - - - - -                            | 5.6              | 5   | -   | -         | -    | 3     | 2                | -                | -                |   |  |
| Venerable Affections - - - - -  | 11.2  | 12  | 9         | -    | 1     | 1                | 1                | -                | -    | Diseases of Locomotive System† - - - - -                     | 7.9              | 6   | -   | -         | 4    | 2     | -                | -                | -                |   |  |
| Erysipelas - - - - -  | 5.5   | 6   | 2         | -    | -     | -                | 3                | 1                | -    | Diseases of Integumentary System - - - - -                   | 6.5              | 3   | 2   | -         | -    | -     | -                | 1                | -                |   |  |
| Pyæmia and Septicæmia† - - - - -  | 2.8   | 4   | -         | 1    | -     | 3                | -                | -                | -    | VIOLENT DEATHS.†   |                  |   |   |           |      |       |                  |                  |                  |   |  |
| Puerperal Fever - - - - -   | 5.7   | 2   | -         | -    | -     | 2                | -                | -                | -    | ACCIDENT.)   |                  |   |   |           |      |       |                  |                  |                  |   |  |
| Other Zymotic Diseases† - - - - -   | 2.8   | -   | -         | -    | -     | -                | -                | -                | -    | Fracture and Contusion - - - - -                             | 22.6             | 15  | 1   | 2         | 2    | 2     | 3                | 4                | 1                |   |  |
| Thrush - - - - -  | 2.0   | 1   | 1         | -    | -     | -                | -                | -                | -    | Gunshot Wound - - - - -                                      | 0.2              | -   | -   | -         | -    | -     | -                | -                | -                |   |  |
| Worms and other Parasitical Diseases - - - - -  | 0.0   | 2   | -         | -    | 1     | 1                | -                | -                | -    | Cut, Stab - - - - -  | 0.7              | -   | -   | -         | -    | -     | -                | -                | -                |   |  |
| Starvation, Want of Breast-milk† - - - - -  | 1.4   | -   | -         | -    | -     | -                | -                | -                | -    | Burn and Scald - - - - -                                     | 6.0              | 6   | -   | 3         | -    | 1     | 1                | 1                | -                |   |  |
| Alcoholism - - - - -  | 4.5   | 8   | -         | -    | -     | 3                | 2                | 3                | -    | Poison - - - - -   | 1.5              | -   | -   | -         | -    | -     | -                | -                | -                |   |  |
| Rheumatic Fever, Rheumatism of Heart† - - - - -                                       | 7.0   | 14  | -         | -    | 1     | 7                | 3                | 3                | -    | Drowning - - - - -   | 5.6              | 4   | -   | -         | 1    | 2     | -                | 1                | -                |   |  |
| Rheumatism† - - - - -   | 3.2   | -   | -         | -    | -     | -                | -                | -                | -    | Suffocation - - - - -  | 14.9             | 16  | 14  | -         | -    | -     | 1                | 1                | -                |   |  |
| Gout - - - - -  | 4.1   | -   | -         | -    | -     | -                | -                | -                | -    | Otherwise - - - - -  | 2.5              | 1   | -   | -         | -    | -     | -                | 1                | -                |   |  |
| Rickets† - - - - -  | 3.9   | 8   | 1         | 7    | -     | -                | -                | -                | -    | (HOMICIDE.)  |                  |   |   |           |      |       |                  |                  |                  |   |  |
| Cancer - - - - -  | 47.5  | 54  | 1         | -    | -     | 7                | 26               | 19               | 1    | Murder & Manslaughter - - - - -                              | 1.3              | 1   | -   | -         | -    | -     | 1                | -                | -                |   |  |
| Tabs Mesenterica - - - - -  | 26.3  | 23  | 10        | 10   | 2     | -                | -                | -                | -    | (SUICIDE.)   |                  |   |   |           |      |       |                  |                  |                  |   |  |
| Tubercular Meningitis - - - - -   | 39.4  | 32  | 12        | 13   | 7     | -                | -                | -                | -    | Gunshot Wound - - - - -                                      | 0.7              | -   | -   | -         | -    | -     | -                | -                | -                |   |  |
| Phthisis - - - - -  | 184.4   | 160   | 1         | 3    | 12    | 81               | 46               | 7                | -    | Cut, Stab - - - - -  | 1.3              | 4   | -   | -         | -    | 1     | 3                | -                | -                |   |  |
| Scrophula, Tuberculosis - - - - -   | 16.2  | 20  | 5         | 6    | 7     | 1                | 1                | -                | -    | Poison - - - - -   | 1.9              | 2   | -   | -         | -    | 1     | 1                | -                | -                |   |  |
| Other Constitutional Diseases† - - - - -  | 9.3   | 12  | -         | -    | -     | 1                | 4                | 7                | -    | Drowning - - - - -   | 1.3              | 1   | -   | -         | -    | 1     | -                | -                | -                |   |  |
| Premature Birth - - - - -   | 35.9  | 33  | 33        | -    | -     | -                | -                | -                | -    | Hanging - - - - -  | 2.0              | 1   | -   | -         | -    | -     | 1                | -                | -                |   |  |
| Atelectasis† - - - - -  | 3.3   | 2   | 2         | -    | -     | -                | -                | -                | -    | Otherwise - - - - -  | 0.7              | 1   | -   | -         | -    | -     | -                | -                | -                |   |  |
| Congenital Malformations - - - - -  | 7.9   | 5   | 5         | -    | -     | -                | -                | -                | -    | (EXECUTION.)   |                  |   |   |           |      |       |                  |                  |                  |   |  |
| Old Age - - - - -   | 62.1  | 57  | -         | -    | -     | -                | -                | 32               | 25   | Hanging - - - - -  | 0.0              | -   | -   | -         | -    | -     | -                | -                | -                |   |  |
| Apoplexy - - - - -  | 45.7  | 48  | -         | 1    | -     | 6                | 18               | 21               | 2    | OTHER CAUSES† - - - - -                                      | 53.1             | 70  | 67  | 1         | -    | 1     | -                | 1                | -                |   |  |
| Epilepsy - - - - -  | 8.2   | 8   | -         | 1    | -     | 2                | 1                | 3                | 1    |  |                  |   |   |           |      |       |                  |                  |                  |   |  |
| Convulsions - - - - -   | 55.0  | 46  | 36        | 10   | -     | -                | -                | -                | -    |  |                  |   |   |           |      |       |                  |                  |                  |   |  |
| Other Diseases of Brain and Nervous System - - - - -                                  | 104.4   | 107   | 23        | 13   | 11    | 8                | 17               | 19               | 9    |  |                  |   |   |           |      |       |                  |                  |                  |   |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 6).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | The DEATHS registered in the Week include |                                       |             |          |                |             |                 |         |                                |                              |           |           |                | Deaths in Public<br>Institutions. | Unspecified Causes. |
|---|--|---|--|--|---|---------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|-----------|-----------|----------------|-----------------------------------|---------------------|
|   |  |   |  |  | Deaths of<br>1<br>Year of Age.            | Persons<br>aged 60<br>Years & upwards | Deaths from |          |                |             |                 |         |                                |                              |           |           |                |                                   |                     |
|   |  |   |  |  |   |                                       | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhas. | Violence. | Inquest Cases. |                                   |                     |
| LONDON . . . . .  |  | 3,815,704   | 2831                                   | 1692                                   | 395                                       | 399                                   | -           | 12       | 17             | 19          | 108             | -       | 9                              | -                            | 19        | 52        | 121            | 347                               |                     |
| WEST DISTRICTS . . . . .  |  | 669,683   | 407                                    | 297                                    | 62  | 77                                    | -           | 4        | 5              | 3           | 12              | -       | 8                              | -                            | 1         | 7         | 18             | 76                                |                     |
| NORTH DISTRICTS . . . . .   |  | 905,947   | 684                                    | 357                                    | 91  | 87                                    | -           | 8        | 5              | 5           | 21              | -       | 1                              | -                            | 5         | 11        | 23             | 63                                |                     |
| CENTRAL DISTRICTS . . . . .   |  | 282,238   | 169                                    | 131                                    | 23  | 21                                    | -           | -        | -              | 3           | 5               | -       | -                              | -                            | 1         | 6         | 16             | 34                                |                     |
| EAST DISTRICTS . . . . .  |  | 692,738   | 590                                    | 389                                    | 80  | 85                                    | -           | 4        | 1              | 4           | 32              | -       | 2                              | -                            | 4         | 8         | 21             | 90                                |                     |
| SOUTH DISTRICTS . . . . .   |  | 1,265,143   | 1081                                   | 568                                    | 139                                       | 129                                   | -           | 1        | 6              | 4           | 38              | -       | 3                              | -                            | 8         | 20        | 43             | 75                                |                     |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -   | -                                      | -                                      | -   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| WEST DISTRICTS.   |  |   |  |  |   |                                       |             |          |                |             |                 |         |                                |                              |           |           |                |                                   |                     |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69838   | 46                                     | 25                                     | 5   | 10                                    | -           | 1        | -              | -           | 1               | -       | 1                              | -                            | -         | -         | -              | 3                                 |                     |
| St. John Paddington H - - - G.J.  |  | 37380   | 10                                     | 10                                     | 7   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1              | 4                                 |                     |
| Kensington Town WH - - - W.M.   |  | 120141  | 65                                     | 62                                     | 18  | 15                                    | -           | 3        | 1              | -           | 5               | -       | 1                              | -                            | -         | 1         | 1              | 18                                |                     |
| Brompton HH - - - W.M. & C.   |  | 49010   | 20                                     | 13                                     | 3   | 2                                     | -           | -        | -              | -           | 2               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| St. Peter Hammersmith - - - W.M.  |  | 7599  | 4                                      | 2                                      | 7   | 5                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340   | 59                                     | 25                                     | 7   | 5                                     | -           | -        | 2              | 1           | -               | -       | -                              | -                            | 1         | 2         | 6              | 1                                 |                     |
| Fulham WH - - - W.M. & C.   |  | 42900   | 54                                     | 25                                     | 7   | 5                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 3                                 |                     |
| Chelsea South HHH - - - C.  |  | 30396   | 24                                     | 18                                     | 5   | 3                                     | -           | -        | 1              | 1           | 1               | -       | -                              | -                            | -         | -         | -              | 3                                 |                     |
| Chelsea North-west WHHHHH - C.  |  | 24925   | 14                                     | 20                                     | 2   | 7                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 15                                |                     |
| Chelsea North-east - - - C.   |  | 32807   | 26                                     | 6                                      | 2   | 3                                     | -           | -        | -              | -           | 3               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| May Fair WW - - - G.J.  |  | 30353   | 7                                      | 7                                      | -   | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Belgrave WHHH - - - C.  |  | 59220   | 22                                     | 40                                     | 6   | 10                                    | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | 2         | 3              | 16                                |                     |
| St. John Westminster HHH - C.   |  | 35496   | 17                                     | 10                                     | 2   | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 17                                |                     |
| St. Margaret Westminster H - C.   |  | 24679   | 10                                     | 11                                     | 2   | -                                     | -           | -        | 1              | -           | -               | -       | 1                              | -                            | -         | -         | 1              | 5                                 |                     |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941   | 17                                     | 18                                     | 4   | 5                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 5                                 |                     |
| St. Anne Soho HHHHHHH - N.R.  |  | 16608   | 10                                     | 4                                      | 1   | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 2              | -                                 |                     |
| NORTH DISTRICTS.  |  |   |  |  |   |                                       |             |          |                |             |                 |         |                                |                              |           |           |                |                                   |                     |
| All Souls Marylebone HHHH - W.M.  |  | 26759   | 13                                     | 22                                     | 4   | 3                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | 1         | 3              | 11                                |                     |
| Cavendish Square HHHH - - W.M.  |  | 14381   | 1                                      | 3                                      | 2   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 1                                 |                     |
| Rectory Marylebone WHH G.J. & W.M.  |  | 24809   | 17                                     | 9                                      | 5   | 4                                     | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1         | -         | -              | 2                                 |                     |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118   | 29                                     | 9                                      | 2   | 4                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1              | 1                                 |                     |
| Christchurch Marylebone H - W.M.  |  | 38700   | 13                                     | 19                                     | 8   | 4                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| St. John Marylebone H - - W.M.  |  | 33638   | 14                                     | 11                                     | 3   | 5                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Hampstead WHHHH N.R. & W.M.   |  | 45452   | 31                                     | 18                                     | 5   | 3                                     | -           | -        | 1              | 1           | 1               | -       | -                              | -                            | 1         | -         | 1              | 2                                 |                     |
| Regent's Park Paneras H - - W.M.  |  | 89115   | 30                                     | 8                                      | 4   | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729   | 10                                     | 14                                     | 1   | 2                                     | -           | -        | 1              | 1           | -               | -       | 1                              | -                            | 1         | -         | -              | 7                                 |                     |
| Gray's Inn Lane HHH - - - N.R.  |  | 30247   | 24                                     | 16                                     | 5   | 2                                     | -           | -        | -              | 2           | -               | -       | -                              | -                            | -         | -         | 2              | 1                                 |                     |
| Somers Town H - - - N.R.  |  | 34369   | 26                                     | 9                                      | 3   | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 3         | 3              | 1                                 |                     |
| Camden Town WH - - - N.R.   |  | 17811   | 17                                     | 9                                      | 1   | 6                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 6                                 |                     |
| Kentish Town W - - - N.R.   |  | 87487   | 65                                     | 38                                     | 13  | 8                                     | -           | -        | 1              | 1           | 4               | -       | -                              | -                            | 1         | 1         | 2              | 2                                 |                     |
| Upper Holloway WHH - - - N.R.   |  | 67946   | 56                                     | 41                                     | 8   | 10                                    | -           | -        | 1              | -           | 2               | -       | -                              | -                            | -         | -         | -              | 13                                |                     |
| Islington South-west HH - - - N.R.  |  | 106976  | 64                                     | 25                                     | 8   | 5                                     | -           | -        | -              | 1           | 2               | -       | -                              | -                            | -         | 2         | 2              | -                                 |                     |
| Islington South-east - - - N.R.   |  | 61825   | 53                                     | 25                                     | 6   | 6                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1         | -         | 2              | -                                 |                     |
| Highbury H - - - N.R.   |  | 52048   | 37                                     | 16                                     | 3   | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1              | 1                                 |                     |
| Stoke Newington H - - - N.R.  |  | 22781   | 16                                     | 7                                      | -   | 1                                     | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Stamford Hill - - - E.L.  |  | 9277  | 8                                      | 6                                      | 1   | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| West Hackney - - - N.R.   |  | 37610   | 26                                     | 8                                      | 1   | 4                                     | -           | -        | -              | -           | 2               | -       | -                              | -                            | -         | 1         | 1              | -                                 |                     |
| Hackney WHHHH - - - E.L. & N.R.   |  | 76911   | 51                                     | 35                                     | 5   | 6                                     | -           | 2        | 2              | -           | -               | -       | -                              | -                            | -         | 2         | 2              | 15                                |                     |
| South Hackney - - - E.L.  |  | 39383   | 28                                     | 9                                      | 3   | 1                                     | -           | -        | -              | -           | 2               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| CENTRAL DISTRICTS.  |  |   |  |  |   |                                       |             |          |                |             |                 |         |                                |                              |           |           |                |                                   |                     |
| St. George Bloomsbury - - - N.R.  |  | 16681   | 7                                      | 3                                      | -   | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| St. Giles South WH - - - N.R.   |  | 14864   | 8                                      | 9                                      | 3   | -                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -              | 3                                 |                     |
| St. Giles North - - - N.R.  |  | 13937   | 7                                      | 7                                      | -   | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508   | 5                                      | 8                                      | 2   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 2         | 3              | 4                                 |                     |
| St. Mary-le-Strand H - - - N.R.   |  | 7515  | 3                                      | 3                                      | 1   | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| St. Clement Danes H - - - N.R.  |  | 8559  | 4                                      | 7                                      | 1   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 2                                 |                     |
| Strand Union Workhouse, Edmonton w.   |  | -   | -                                      | -                                      | -   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| St. Geo.-the-Martyr HHHHHHH N.R.  |  | 18671   | 16                                     | 13                                     | 5   | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1              | 4                                 |                     |
| St. Andrew Eastern W - - - N.R.   |  | 10706   | 3                                      | 5                                      | -   | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 3                                 |                     |
| Saffron Hill H - - - N.R.   |  | 6583  | 3                                      | 6                                      | 1   | 2                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1              | -                                 |                     |
| St. James Clerkenwell - - - N.R.  |  | 17516   | 14                                     | 4                                      | 1   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Amwell Clerkenwell - - - N.R.   |  | 19281   | 10                                     | 12                                     | 3   | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Pentonville - - - N.R.  |  | 14773   | 5                                      | 7                                      | 1   | 2                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | 1         | 3              | -                                 |                     |
| Goswell-street - - - N.R.   |  | 17596   | 11                                     | 6                                      | 2   | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | 8              | -                                 |                     |
| Old-street H - - - N.R.   |  | 11541   | 7                                      | 2                                      | -   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| City-road HHL - - - N.R.  |  | 18628   | 33                                     | 8                                      | 2   | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 2                                 |                     |
| Whitecross-street - - - N.R.  |  | 9217  | 8                                      | -                                      | -   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Finsbury - - - N.R.   |  | 7463  | 2                                      | 1                                      | -   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Holborn Union Workhouse, Mitcham; w.  |  | -   | -                                      | -                                      | -   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| St. Botolph H - - - N.R. & E.L.   |  | 11174   | 6                                      | 6                                      | -   | -                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | 1         | 2              | -                                 |                     |
| Cripplegate - - - N.R.  |  | 7193  | 1                                      | 1                                      | -   | -                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| St. Sepulchre H - - - N.R.  |  | 5385  | 2                                      | 17                                     | 1   | 1                                     | -           | -        | -              | 2           | -               | -       | -                              | -                            | -         | 1         | 1              | 15                                |                     |
| St. Bride W - - - N.R.  |  | 8396  | 11                                     | 3                                      | -   | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Allhallows Barking - - - N.R.   |  | 13666   | 2                                      | -                                      | -   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |
| Broad Street H - - - N.R.   |  | 5662  | 2                                      | 3                                      | -   | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |                     |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.*, signifies Grand Junction Company; *W.M.*, West Middlesex; *C.*, Chelsea; *S.*, Southwark and Vauxhall; *L.*, Lambeth; *N.R.*, New River; *E.L.*, East London; and *K.*, the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
Monday, the 14th April, 1888.

| REGISTRATION SUB-DISTRICTS.   |             | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Deaths during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
|---|-------------|--|-------------------------------------|-------------------------------------|---|--|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|-----------|-----------|-----------------------------------|
|   |             |  |                                     |                                     | Deaths of                                 |  | Deaths from |          |                |             |                 |         |                                |                              |           |           |                                   |
|   |             |  |                                     |                                     | Infants under<br>1<br>Year of Age.        | Persons aged 60<br>Years & un-<br>der. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhœa. | Violence. | Inquest Cases.                    |
|   |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           | Deaths in Public<br>Institutions. |
|   |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           | Uncertified Causes<br>of Death.   |
| EAST DISTRICTS.   |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Wyndham Shoreditch  | N.R. & E.L. | 7876   | 8                                   | 2                                   | 2   | 4                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| Leonard Shoreditch  | N.R.        | 14967  | 19                                  | 12                                  | 4   | 4                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | 4                                 |
| St. John's New Town   | N.R.        | 28987  | 18                                  | 14                                  | 5   | 6                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 4                                 |
| St. John's Old Town   | N.R.        | 28086  | 21                                  | 13                                  | 6   | 1                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1         | 2         | -                                 |
| St. John's New Town   | N.R. & E.L. | 46275  | 37                                  | 30                                  | 4   | 5                                      | -           | 1        | -              | 2           | 4               | -       | -                              | -                            | 1         | 3         | 11                                |
| St. John's New Town   | E.L.        | 29738  | 27                                  | 9                                   | 1   | 4                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1                                 |
| St. John's New Town   | E.L.        | 47582  | 42                                  | 38                                  | 6   | 10                                     | -           | -        | -              | -           | 8               | -       | -                              | -                            | -         | -         | 17                                |
| St. John's New Town   | E.L.        | 29981  | 35                                  | 5                                   | 2   | 1                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | -                                 |
| St. John's New Town   | E.L.        | 19810  | 20                                  | 7                                   | 4   | -                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | E.L. & N.R. | 22685  | 27                                  | 5                                   | 1   | -                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | E.L.        | 35473  | 28                                  | 12                                  | 3   | 5                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 6                                 |
| St. John's New Town   | E.L. & N.R. | 17490  | 13                                  | 20                                  | 3   | 1                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | 3         | 4         | 16                                |
| St. John's New Town   | E.L.        | 9713   | 6                                   | 2                                   | -   | 1                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | N.R. & E.L. | 6102   | 4                                   | 2                                   | 2   | -                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | -                                 |
| St. John's New Town   | E.L.        | 38747  | 29                                  | 13                                  | 2   | 1                                      | -           | 1        | -              | -           | -               | -       | -                              | -                            | -         | -         | 4                                 |
| St. John's New Town   | E.L.        | 8410   | 5                                   | 7                                   | 4   | 2                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | -                                 |
| St. John's New Town   | E.L. & N.R. | 10895  | 9                                   | 10                                  | 4   | -                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 6                                 |
| St. John's New Town   | E.L.        | 16107  | 7                                   | 13                                  | 4   | 4                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | 1         | -                                 |
| St. John's New Town   | E.L.        | 32041  | 19                                  | 15                                  | 4   | 2                                      | -           | 1        | -              | -           | 4               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | E.L.        | 37960  | 32                                  | 12                                  | -   | 5                                      | -           | -        | -              | -           | -               | -       | 2                              | -                            | -         | -         | -                                 |
| St. John's New Town   | E.L.        | 67658  | 48                                  | 32                                  | 6   | 14                                     | -           | -        | -              | 1           | 3               | -       | -                              | -                            | -         | -         | 11                                |
| St. John's New Town   | E.L.        | 37074  | 29                                  | 13                                  | 3   | 3                                      | -           | -        | 1              | -           | -               | -       | -                              | -                            | -         | 2         | -                                 |
| St. John's New Town   | E.L.        | 64359  | 68                                  | 87                                  | 7   | 11                                     | -           | -        | 1              | 2           | -               | -       | -                              | -                            | 1         | 3         | 16                                |
| St. John's New Town   | E.L.        | 55077  | 46                                  | 21                                  | 4   | 5                                      | -           | 1        | -              | 3           | -               | -       | -                              | -                            | 1         | 1         | 3                                 |
| SOUTH DISTRICTS.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| St. John's New Town   | L. & S.     | 18668  | 10                                  | 8                                   | 1   | 3                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | 3                                 |
| St. John's New Town   | S.          | 14999  | 16                                  | 7                                   | 2   | 1                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 2                                 |
| St. John's New Town   | S. & L.     | 21881  | 21                                  | 9                                   | 4   | 2                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1         | 1         | 1                                 |
| St. John's New Town   | S. & L.     | 18668  | 11                                  | 10                                  | 1   | 3                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 4                                 |
| St. John's New Town   | S. & L.     | 21818  | 25                                  | 10                                  | 2   | 3                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | S. & L.     | 26672  | 16                                  | 10                                  | 4   | 2                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | S. & L.     | 59555  | 41                                  | 25                                  | 6   | 8                                      | -           | -        | -              | -           | 3               | -       | -                              | -                            | 1         | 3         | 4                                 |
| St. John's New Town   | L. & S.     | 21623  | 18                                  | 9                                   | 3   | 2                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | -                                 |
| St. John's New Town   | S.          | 11856  | 10                                  | 8                                   | 4   | -                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 5                                 |
| St. John's New Town   | S. & L.     | 10200  | 10                                  | 8                                   | 1   | -                                      | -           | -        | -              | -           | 3               | -       | -                              | -                            | -         | 1         | -                                 |
| St. John's New Town   | S.          | 14669  | 17                                  | 9                                   | 1   | 1                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 2                                 |
| St. John's New Town   | S. & K.     | 54683  | 54                                  | 26                                  | 10  | 3                                      | -           | -        | -              | -           | 1               | -       | 1                              | -                            | -         | 5         | 3                                 |
| St. John's New Town   | S. & K.     | 36024  | 28                                  | 14                                  | 2   | 4                                      | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -         | 1         | 1                                 |
| St. John's New Town   | L. & S.     | 15195  | 12                                  | 3                                   | 1   | 1                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | -                                 |
| St. John's New Town   | L. & S.     | 16331  | 20                                  | 4                                   | -   | -                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | L. & S.     | 18668  | 17                                  | 15                                  | 1   | 2                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 3         | 4                                 |
| St. John's New Town   | L. & S.     | 25559  | 35                                  | 14                                  | 9   | 6                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | 2         | 1         | 8                                 |
| St. John's New Town   | S. & L.     | 45282  | 36                                  | 21                                  | 8   | 5                                      | -           | -        | -              | -           | 2               | -       | -                              | -                            | -         | 1         | -                                 |
| St. John's New Town   | S. & L.     | 32882  | 20                                  | 20                                  | 4   | 5                                      | -           | -        | -              | -           | 4               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | L. & S.     | 62887  | 38                                  | 28                                  | 5   | 6                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1         | -         | -                                 |
| St. John's New Town   | L.          | 19017  | 16                                  | 6                                   | 1   | 2                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | S.          | 54675  | 42                                  | 18                                  | 14  | 4                                      | -           | 1        | -              | -           | -               | -       | -                              | -                            | -         | 2         | -                                 |
| St. John's New Town   | S. & L.     | 51687  | 68                                  | 32                                  | 7   | 10                                     | -           | -        | -              | -           | 3               | -       | -                              | -                            | -         | 2         | 1                                 |
| St. John's New Town   | S.          | 26800  | 16                                  | 12                                  | 2   | 3                                      | -           | -        | -              | -           | 2               | -       | -                              | -                            | 1         | 1         | -                                 |
| St. John's New Town   | S.          | 28004  | 29                                  | 8                                   | 1   | -                                      | -           | -        | -              | -           | 3               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | S.          | 12235  | 8                                   | 2                                   | -   | 1                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | L.          | 25553  | 30                                  | 12                                  | 4   | 3                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | L. & S.     | 5590   | 1                                   | -                                   | -   | -                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | S. & L.     | 29104  | 46                                  | 44                                  | 2   | 14                                     | -           | -        | -              | -           | 2               | -       | -                              | -                            | 1         | 1         | 18                                |
| St. John's New Town   | L. & K.     | 71089  | 64                                  | 38                                  | 4   | 11                                     | -           | -        | 1              | 1           | 4               | -       | -                              | -                            | -         | 2         | -                                 |
| St. John's New Town   | L. & S.     | 60810  | 52                                  | 21                                  | 6   | 7                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | -                                 |
| St. John's New Town   | K.          | 76752  | 62                                  | 21                                  | 8   | 3                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | K.          | 7901   | 4                                   | -                                   | -   | -                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | K.          | 21972  | 7                                   | 9                                   | 3   | 1                                      | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | K.          | 24608  | 28                                  | 15                                  | 1   | 2                                      | -           | -        | 1              | -           | 1               | -       | -                              | -                            | -         | 2         | 7                                 |
| St. John's New Town   | K.          | 7048   | 1                                   | 1                                   | -   | 1                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | K.          | 21529  | 6                                   | 7                                   | 1   | 2                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | K.          | 19865  | 15                                  | 8                                   | 2   | 1                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1                                 |
| St. John's New Town   | L.          | 36076  | 10                                  | 9                                   | 4   | -                                      | -           | -        | -              | -           | 2               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | K.          | 20890  | 4                                   | 8                                   | 4   | 2                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | 1                                 |
| St. John's New Town   | K.          | 17617  | 12                                  | 3                                   | -   | -                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | K.          | 19048  | 11                                  | 6                                   | -   | 2                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | K.          | 14069  | 11                                  | 7                                   | 2   | 3                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1                                 |
| St. John's New Town   | K.          | 19241  | 22                                  | 11                                  | 3   | -                                      | -           | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1                                 |
| Populit An Asylum Hospitals:  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| St. John's New Town   | -           | -  | -                                   | -                                   | -   | -                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | -           | -  | -                                   | -                                   | -   | -                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| St. John's New Town   | -           | -  | -                                   | -                                   | -   | -                                      | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -                                 |
| The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-   |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Marylebone Infirmary in Kensington Town sub-district.   |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Central London Sick Asylum in Tottenham Court-road sub-district.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Holborn Infirmary in Upper Holloway sub-district.   |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| London City Workhouse in Hackney sub-district.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Holborn " in Hoxton New Town sub-district.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Whitechapel " in Mile End Old Town Eastern sub-dist.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| London City " in Mile End Old Town Eastern sub-dist.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Private Lunatic Asylums in which paupers are received.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Stepney Workhouse in Bromley sub-district.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Poplar & Stepney Sick Asylum in Upper Holloway sub-district.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Westminster Union Industrial School in West Battersea sub-district.   |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Strand and Holborn Workhouses outside Registration London.  |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |
| Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London. |             |  |                                     |                                     |   |  |             |          |                |             |                 |         |                                |                              |           |           |                                   |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

Marylebone Infirmary in Kensington Town sub-district.  
Central London Sick Asylum in Tottenham Court-road sub-district.  
Holborn Infirmary in Upper Holloway sub-district.  
London City Workhouse in Hackney sub-district.  
Holborn " in Hoxton New Town sub-district.  
Whitechapel " in Mile End Old Town Eastern sub-dist.  
London City " in Mile End Old Town Eastern sub-dist.  
Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum in Upper Holloway sub-district.  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during Week ending Saturday, 14th April, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                   |             |          |                |             |                 |        |            |           |                |                                   |  |
|---|----------------------------------|--|--|---------|---------|---|-----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--|
|   |                                  |  |  |         |         | Deaths of                                 |                                   | Deaths from |          |                |             |                 |        |            |           |                |                                   |  |
|   |                                  |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwds. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957                                      | 957     | 383     | 97  | 103                               | -           | 5        | 5              | 10          | 18              | 3      | 4          | 6         | 15             | 28                                |  |
| 30: 1   | Carshalton <i>wL</i> -           | 12228  | 21118  | 16      | 7       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710  | 5       | 1       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 37: 1   | Godstone (part of) * -           | 2764   | 1235   | 1       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 38: 1   | Croydon <i>WwHLL</i> -           | 20651  | 101241                                       | 54      | 24      | 8   | 6                                 | -           | -        | -              | 1           | 2               | 2      | 1          | -         | 1              | 2                                 |  |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17992  | 8       | 4       | 2   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 39: 1   | Wimbledon <i>HHH</i> -           | 3220   | 16950  | 15      | 5       | 1   | 3                                 | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |  |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354  | 22      | 11      | -   | 5                                 | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | 2                                 |  |
| 3   | Esher (part of) * -              | 6801   | 9221   | 8       | 5       | 2   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 4   | Hampton <i>H</i> -               | 4573   | 13539  | 8       | 5       | 3   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 40: 1   | Richmond <i>WH</i> -             | 2272   | 21392  | 13      | 11      | 3   | 1                                 | -           | 3        | -              | -           | 1               | 1      | -          | 1         | 1              | 2                                 |  |
| 2   | Mortlake -                       | 2941   | 12331  | 14      | 3       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 41: 1   | Bromley (pt. of) * <i>HH</i>     | 15669  | 31142  | 38      | 8       | -   | 3                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15344  | 13      | 6       | 1   | 3                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 42: 1   | Bexley <i>H</i> -                | 13487  | 24134  | 21      | 9       | 2   | 2                                 | -           | -        | 1              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 124: 1  | Sunbury <i>w</i> -               | 11055  | 11685  | 8       | 1       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 2   | Staines <i>W</i> -               | 13277  | 12089  | 6       | 6       | 1   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 125: 1  | Hillingdon <i>WHH</i> -          | 6029   | 10802  | 8       | 3       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 2   | Uxbridge -                       | 6178   | 3225   | 3       | 6       | 1   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Hayes <i>wHL</i> -               | 14587  | 11523  | 6       | 3       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |  |
| 126: 1  | Isleworth <i>WHH</i> -           | 7008   | 22727  | 13      | 5       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |
| 2   | Twickenham <i>H</i> -            | 2477   | 13479  | 12      | 3       | 2   | -                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649  | 32      | 11      | 3   | 3                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 4   | Chiswick -                       | 1340   | 15675  | 17      | 11      | 2   | 6                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 5   | Acton <i>wH</i> -                | 6083   | 22876  | 22      | 9       | 1   | 1                                 | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | -                                 |  |
| 127: 1  | Harrow <i>H</i> -                | 13309  | 12796  | 13      | 3       | 1   | -                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 2   | Edgware <i>H</i> -               | 6994   | 3749   | 1       | 1       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Willesden -                      | 4283   | 27453  | 57      | 20      | 5   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | 2              | -                                 |  |
| 4   | Hendon <i>W</i> -                | 3832   | 10494  | 12      | 6       | 2   | 2                                 | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 1                                 |  |
| 128: 1  | South Mimms -                    | 15599  | 6391   | 11      | 5       | 3   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Barnet -                         | 5433   | 10692  | 6       | 9       | 3   | 5                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 3                                 |  |
| 3   | Finchley <i>HL</i> -             | 4688   | 17615  | 12      | 6       | 2   | 2                                 | -           | -        | -              | -           | 3               | -      | -          | -         | -              | -                                 |  |
| 129: 1  | Hornsey <i>H</i> -               | 3030   | 37078  | 35      | 11      | 2   | 1                                 | -           | -        | -              | 1           | -               | -      | -          | -         | 1              | -                                 |  |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456  | 72      | 31      | 9   | 9                                 | -           | 1        | 2              | -           | -               | -      | 1          | 1         | 1              | -                                 |  |
| 3   | Edmonton <i>Ww†</i> -            | 7453   | 23433  | 29      | 14      | 3   | 4                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 5                                 |  |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104  | 32      | 10      | 2   | 2                                 | -           | -        | -              | 4           | -               | -      | -          | -         | -              | -                                 |  |
| 5   | Waltham Abbey -                  | 11017  | 3898   | 7       | 4       | -   | 2                                 | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |
| 6   | Cheshunt -                       | 8489   | 7735   | 7       | 1       | -   | -                                 | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 135: 1  | Hatfield (part of) * -           | 3306   | 533  | -       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 137: 1  | Bushey -                         | 9331   | 6621   | 2       | 2       | -   | -                                 | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 136: 1  | Stratford -                      | 882  | 38606  | 43      | 7       | 2   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |
| 2   | West Ham <i>wvowH†</i> -         | 7351   | 101053                                       | 157     | 47      | 12  | 12                                | -           | -        | 1              | 1           | 2               | -      | -          | 1         | 3              | 1                                 |  |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32439  | 50      | 25      | 7   | 5                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 3                                 |  |
| 4   | Walthamstow <i>H</i> -           | 6590   | 28832  | 34      | 19      | 8   | 3                                 | -           | -        | -              | 2           | 2               | -      | -          | 1         | 1              | -                                 |  |
| 137: 1  | Chigwell (part of) * <i>H</i>    | 11761  | 9639   | 6       | 1       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 139: 1  | Romford (part of) * -            | 6730   | 3411   | 3       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Ilford -                         | 8493   | 7645   | 5       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Barking Town -                   | 4127   | 9203   | 12      | 4       | 2   | 1                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Asenstead and Headley (pop. 12655); 37: 1, the parishes of Warlingham and Farley in Godstone's district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadnam's Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 14th April, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1886. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |     | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |                                   |  |
|---------------------------|--|--|---|-----|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----------------------------------|--|
|                           |  |  |   |     |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |                                   |  |
|                           |  |  |   |     |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Deaths in Public<br>Institutions. |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.  | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16                                |  |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 19·6  | 2·2 | 2075                             | 492                                       | 502  | -           | 17       | 22                | 29          | 126                 | 12     | 23         | 58        | 375                               |  |
| INNER LONDON              | 77,410   | 4,282,921                                      | 20·6  | 2·2 | 1692                             | 395                                       | 390  | -           | 12       | 17                | 19          | 108                 | 9      | 19         | 52        | 347                               |  |
| OUTER RING                | 370,924  | 1,244,965                                      | 16·1  | 1·9 | 383                              | 97  | 103  | -           | 5        | 5                 | 10          | 18                  | 3      | 4          | 6         | 28                                |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 66,522 square miles, which is equivalent to the area of a circle having a radius of 14,933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,137 Persons.

| CITIES.                           | POPULATION<br>(enumerated<br>or<br>estimated). | DATE<br>OF RETURN.<br>Week ending | BIRTHS.<br>Exclusive of Stillborn. | DEATHS. | ANNUAL<br>DEATH-<br>RATE<br>per 1000<br>living. | DEATHS FROM<br>EPIDEMIC DISEASES.                   |
|-----------------------------------|--|-----------------------------------|------------------------------------|---------|---|---|
| CALCUTTA -                        | 433,219  | March 3                           | -                                  | 228     | 27·4  | Fevers 63; cholera 52.                              |
| BOMBAY -                          | 773,196  | " 20                              | 367                                | 391     | 23·1  | Fevers 107; cholera 2; small-pox 19.                |
| MADRAS -                          | 398,777  | March 2                           | 288                                | 299     | 39·1  | Fevers 73; cholera 15; diarrhoeal diseases 57.      |
| PARIS -                           | 2,260,945                                      | April 7                           | 1117                               | 1174    | 27·3  | Typhoid fever 17; diph. & croup 43; small-pox 6.    |
| BRUSSELS -<br>(with 8 Faubourgs.) | 454,410  | " 7                               | 275                                | 195     | 21·9  | -   |
| AMSTERDAM -                       | 389,916  | " 7                               | 261                                | 148     | 19·7  | Diphtheria 3; whooping-cough 3.                     |
| ROTTERDAM -                       | 193,660  | " 7                               | 131                                | 89      | 23·9  | Whooping-cough 3.                                   |
| THE HAGUE -                       | 149,410  | " 7                               | 89                                 | 64      | 22·3  | -   |
| COPENHAGEN -                      | 300,000  | March 27                          | 226                                | 113     | 19·7  | Diph. & croup 7; scar. fev. 5; wh.-cough 3.         |
| STOCKHOLM -                       | 216,807  | " 31                              | 195                                | 110     | 25·9  | Measles 3; whooping-cough 3; scar. fev. 2.          |
| CHRISTIANIA -                     | 134,000  | April 7                           | 37                                 | 65      | 24·7  | Diphtheria and croup 12.                            |
| ST. PETERSBURG                    | 928,016  | March 31                          | -                                  | 696     | 39·1  | Typhus & typhd. fev. 20; scar. fev. 15; sm.-pox 2.  |
| BERLIN -                          | 1,413,603                                      | " 24                              | 870                                | 572     | 21·0  | Diphtheria 16; whooping-cough 14; scar. fev. 4.     |
| HAMBURG (State)                   | 529,091  | " 31                              | 413                                | 255     | 25·1  | Diphtheria and croup 6; meas. 11; tp. & tpd. iv. 3. |
| DRESDEN -                         | 259,142  | " 24                              | 164                                | 129     | 25·9  | Diphtheria and croup 3; diarrhoeal diseases 23.     |
| BRISLAU -                         | 308,105  | " 31                              | 200                                | 182     | 31·2  | Diphtheria 2; diarrhoeal diseases 23.               |
| MUNICH -                          | 275,000  | " 31                              | 193                                | 149     | 28·2  | Diphtheria and croup 4; wh.-cough 4; scar. fev. 3.  |
| VIENNA -                          | 800,836  | " 31                              | 443                                | 489     | 31·8  | Scarlet fever 9; diphtheria 3; small-pox 1.         |
| PRAGUE -                          | 295,857  | " 31                              | -                                  | 199     | 35·1  | Sm.-pox 13; scar. fev. 6; typ. and typhd. fev. 5.   |
| BUDA-PESTH -                      | 442,787  | " 31                              | 302                                | 313     | 37·0  | Measles 3; diphtheria 4; typhus and typhd. fev. 4.  |
| TRIESTE -                         | 156,042  | " 31                              | -                                  | 110     | 36·7  | Small-pox 4; measles 2.                             |
| ROME -                            | 582,973  | " 3                               | 260                                | 219     | 29·8  | Small-pox 9; diph. 3; typhoid fever 2.              |
| TURIN (10 days)                   | 294,826  | " 10                              | 240                                | 243     | 30·7  | Diph. 9; scar. fev. 4; typhoid fever 2.             |
| VENICE -                          | 150,502  | " 31                              | 82                                 | 70      | 24·3  | -   |
| CAIRO -                           | 374,838  | " 22                              | 368                                | 271     | 37·7  | Typd. fev. 15; diarrhoeal diseases 84.              |
| ALEXANDRIA -                      | 231,396  | " 22                              | 205                                | 117     | 26·4  | Diarrhoeal diseases 23.                             |
| NEW YORK -                        | 1,493,000                                      | " 24                              | -                                  | 861     | 30·1  | Diph. 57; scar. fev. 27; small-pox 3.               |
| BROOKLYN -                        | 774,870  | " 24                              | -                                  | 323     | 21·8  | Diphtheria 17; croup 4; scarlet fever 12.           |
| PHILADELPHIA -                    | 1,016,753                                      | " 24                              | -                                  | 474     | 24·3  | Diphtheria 3; croup 7; typhoid fever 18.            |
| BALTIMORE -                       | 437,155  | " 24                              | -                                  | 208     | 24·8  | Measles 3; whooping-cough 6.                        |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 14TH APRIL, 1888.  
[Under the Superintendence of the Astronomer Royal.]

[illegible]

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 16. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, APRIL 21. [Price 1½d.

General Register Office, Somerset House,  
23rd April, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·9 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |            |             |             | TOWNS.             | Weeks ending |            |             |             |
|--------------|--------------|------------|-------------|-------------|--------------------|--------------|------------|-------------|-------------|
|              | Mar.<br>31.  | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. |                    | Mar.<br>31.  | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. |
| Birkenhead   | 15·1         | 18·8       | 18·2        | 19·8        | Liverpool -        | 22·4         | 19·3       | 22·9        | 19·7        |
| Birmingham   | 19·5         | 18·5       | 20·5        | 21·3        | London -           | 20·3         | 19·4       | 20·6        | 18·9        |
| Blackburn    | 33·3         | 28·1       | 28·1        | 25·4        | Manchester -       | 26·4         | 29·7       | 34·9        | 23·9        |
| Bolton -     | 31·3         | 22·1       | 25·3        | 19·8        | Newcastle-on-Tyne* | 25·6         | 18·1       | 23·0        | 21·3        |
| Bradford*    | 21·3         | 18·4       | 19·5        | 17·9        | Norwich -          | 22·3         | 18·9       | 18·4        | 16·7        |
| Brighton -   | 19·1         | 14·8       | 21·3        | 15·7        | Nottingham*        | 21·7         | 15·1       | 24·9        | 18·8        |
| Bristol      | 19·1         | 21·9       | 22·3        | 21·2        | Oldham -           | 21·5         | 19·6       | 24·2        | 29·1        |
| Cardiff*     | 18·3         | 22·6       | 21·1        | 18·7        | Plymouth -         | 25·5         | 23·5       | 26·2        | 29·6        |
| Derby -      | 21·7         | 13·6       | 23·8        | 15·7        | Portsmouth -       | 22·1         | 19·1       | 16·8        | 20·9        |
| Halifax -    | 22·8         | 15·0       | 21·5        | 24·7        | Preston -          | 33·4         | 22·7       | 26·8        | 23·2        |
| Huddersfield | 24·5         | 18·3       | 17·7        | 21·7        | Salford*           | 25·4         | 23·7       | 24·9        | 20·5        |
| Hull -       | 17·8         | 15·5       | 18·8        | 17·0        | Sheffield -        | 21·2         | 23·4       | 23·5        | 21·1        |
| Leeds -      | 22·3         | 21·2       | 21·4        | 22·4        | Sunderland -       | 23·7         | 15·0       | 17·8        | 16·2        |
| Leicester*   | 21·3         | 19·9       | 19·2        | 17·8        | Wolverhampton -    | 21·1         | 17·2       | 30·0        | 21·1        |

The highest annual death-rates from *measles* were 0·9 in Bristol and 1·8 in Nottingham; from *scarlet fever*, 0·8 in Oldham and 0·9 in Blackburn; from *whooping-cough*, 1·4 in Salford and in Bolton, and 1·8 in Blackburn; and from "*fever*," 1·0 in Preston. The 25 deaths from *diphtheria* in the twenty-eight towns included 10 in London, 3 in Brighton, 2 in Manchester, 2 in Salford, 2 in Oldham, and 2 in Sheffield. *Small-pox* caused 12 deaths in Sheffield, 3 in Hull, 2 in Oldham, one in Bristol, and one in Manchester, but not one in any of the twenty-two other large provincial towns, or in London.

### LONDON.

In LONDON† 2579 BIRTHS and 1552 DEATHS were registered. Allowing for increase of population, the births were 247, and the deaths 221, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·4 and 20·6 in the two preceding weeks, declined last week to 18·9, and was lower than in any previous week of this year. During the first three weeks of the current quarter the death-rate averaged 19·6 per 1000, and was 2·7 below the mean rate in the corresponding periods of the ten years 1878-87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1552 deaths included 18 from measles, 21 from scarlet fever, 10 from diphtheria, 92 from whooping-cough, 13 from enteric fever, 1 from an ill-defined form of continued fever, 23 from diarrhœa and dysentery, and not one from small-pox, typhus, or cholera; thus, 178 deaths were referred to these diseases, being 76 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 28. There were 21 small-pox patients under treatment in the Metropolitan Asylum Hospitals at the end of last week, against 8 and 15 on the two preceding Saturdays; and 3 in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had declined in the five preceding weeks from 22 to 12, rose again last week to 18, but were 45 below the corrected average; 4 belonged to Hackney and 3 to Greenwich sanitary areas. The deaths from *scarlet fever*, which had been 40, 20, and 17 in the three preceding weeks, rose again last week to 21, but were 4 below the corrected average; 2 belonged to Islington, 2 to Wandsworth, 2 to Camberwell (both occurring at 7, Bath Street, Peckham), and 4 to Greenwich sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 961 scarlet fever patients (there were also 84 in the London Fever Hospital), against numbers declining in the twenty preceding weeks from 2600 to 1002; 91 cases were admitted to the Metropolitan Asylum Hospitals during the week, against 62 and 92 in the two preceding weeks. The 10 deaths from *diphtheria*, on the other hand, showed a decline from recent weekly numbers, and were 6 below the corrected average; 2 belonged to Paddington sanitary area. The fatal cases of *whooping-cough*, which had been 89 and 108 in the two preceding weeks, declined again last week to 92, but were one above the corrected average; 9 belonged to Islington, 6 to Wandsworth, and 7 to Greenwich sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had increased in the four preceding weeks from 6 to 19, further rose last week to 23, and exceeded the corrected average by 7; 13 were of infants aged under one year.

The deaths referred to *enteric fever*, which had been 20 and 9 in the two preceding weeks, rose again last week to 13, and exceeded the corrected average by 2; 2 belonged to Pancras and 2 to Shoreditch sanitary areas. The Metropolitan Asylum Hospitals contained 105 cases of enteric fever, and not one of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 460, 419, and 444 in the three preceding weeks, declined last week to 363, and were 47 below the corrected average.

Different forms of violence caused 48 deaths; 36 were the result of negligence or accident, among which were 19 from fractures and contusions, 5 from burns and scalds, 3 from drowning, and 6 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—1 by accident in the street; 3 by accident on the railway; 2 by fall down stairs; 1 by fall from window; 1 by fall from scaffold; 2 by fall from planks; 1 by fall from loft; 1 by fall from chair; 1 by fall in room; 1 by fall in playground; 1 by fall in street; 1 by fall, nature of which was not stated; 1 by blow from brick; 1 by fall of skip; and 1 by injuries received while at play. An inquest was held in each of these 19 cases. Twelve cases of suicide were registered, exceeding the corrected average by 3.

#### GREATER LONDON.

In Greater London 3334 births and 1954 deaths were registered, corresponding to annual rates of 31·5 and 18·4 per 1000 of the population. In the Outer Ring 30 deaths from whooping-cough, 5 from scarlet fever, and 5 from diphtheria were registered. The fatal cases of whooping-cough included 5 in Willesden, 3 in Hornsey, 3 in West Ham, and 3 in Walthamstow sub-districts. Two deaths from scarlet fever were returned in West Ham sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·53 in.; the highest reading was 29·77 in. on Monday at noon, and the lowest 29·38 in. on Friday at noon. The mean temperature of the *air* was 48°·5, and 0°·6 above the average in the corresponding weeks of the 20 years ending 1868. The mean exceeded the average during the first four, but showed a deficiency during the last three, days of the week. The general direction of the *wind* was South Westerly, and the horizontal movement of the *air* averaged 12·3 miles per hour, which was 0·1 of a mile above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·65 of an inch. The duration of registered bright sunshine in the week was 35·7 hours, against 30·1 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 21st April, 1888.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | Registered during<br>the Week ending<br>April 21st, 1888. |         | The DEATHS registered in the Week include |          |                   |             |                     |          |           |                |                                      |                                 | TEMPERATURE OF THE AIR. |                 |                           |                                   |                          | RAINFALL.            |         | CITIES<br>AND<br>BOROUGHES. |             |             |                |              |            |
|-----------------------------|---|---|---------|---|----------|-------------------|-------------|---------------------|----------|-----------|----------------|--------------------------------------|---------------------------------|-------------------------|-----------------|---------------------------|-----------------------------------|--------------------------|----------------------|---------|-----------------------------|-------------|-------------|----------------|--------------|------------|
|                             |   | BIRTHS.   | DEATHS. | Deaths from                               |          |                   |             |                     |          |           |                |                                      |                                 | Deaths of               |                 | Mean.                     |                                   | In Inches.               | In Centi-<br>metres. |         |                             |             |             |                |              |            |
|                             |   |   |         | Small-pox.                                | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Typhoid. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unidentified<br>Cases of Death. | From All<br>Causes.     | From<br>Cancer. | From<br>Cancer,<br>12-15. | Fahrenheit.                       |                          |                      |         |                             |             |             |                |              |            |
|                             |   |   |         |   |          |                   |             |                     |          |           |                |                                      |                                 |                         |                 |                           | Persons aged<br>1 Year of<br>Age. | 60 Years<br>and upwards. | Highest.             | Lowest. |                             | Fahrenheit. | Centigrade. |                |              |            |
| 1.                          | 2.  | 3.  | 4.      | 5.  | 6.       | 7.                | 8.          | 9.                  | 10.      | 11.       | 12.            | 13.                                  | 14.                             | 15.                     | 16.             | 17.                       | 18.                               | 19.                      | 20.                  | 21.     | 22.                         | 23.         | 24.         | Cols.          |              |            |
| 28 TOWNS*                   | 5862  | 3585  | 813     | 872                                       | 19       | 37                | 48          | 25                  | 151      | 40        | 44             | 116                                  | 238                             | 683                     | 82              | 19.9                      | 2.0                               | 62.6                     | 34                   | 46.6    | 8.11                        | 1.00        | 2.54        | - 28 TOWNS.    |              |            |
| LONDON*                     | 2579  | 1552  | 367     | 393                                       | -        | 18                | 21          | 10                  | 92       | 14        | 23             | 48                                   | 109                             | 352                     | 18              | 18.9                      | 2.2                               | 62.6                     | 38.3                 | 48.5    | 9.17                        | 0.65        | 1.65        | LONDON.        |              |            |
| BRIGHTON                    | 96  | 36  | 5       | 13  | -        | -                 | -           | 3                   | 1        | -         | -              | 3                                    | 5                               | 5                       | 1               | 15.7                      | 1.7                               | 56.0                     | 39.7                 | 44.9    | 7.17                        | 0.42        | 1.07        | BRIGHTON.      |              |            |
| PORTSMOUTH                  | 139,575   | 96  | 56      | 19  | 10       | -                 | -           | 1                   | 1        | -         | -              | 2                                    | 2                               | 2                       | 2               | 20.9                      | 0.7                               | -                        | -                    | -       | -                           | -           | -           | PORTSMOUTH.    |              |            |
| NORWICH                     | 83,675  | 65  | 30      | 9   | 7        | -                 | -           | 1                   | -        | 1         | -              | -                                    | 2                               | 2                       | 1               | 16.7                      | 1.1                               | -                        | -                    | -       | -                           | -           | -           | NORWICH.       |              |            |
| PLYMOUTH                    | 77,674  | 56  | 44      | 11  | 16       | -                 | 1           | -                   | -        | -         | -              | 1                                    | 5                               | 10                      | 15              | 7                         | 21.2                              | 2.5                      | 56.7                 | 40.0    | 46.2                        | 7.89        | 1.19        | 3.02           | PLYMOUTH.    |            |
| BRISTOL                     | 226,510   | 159   | 92      | 24  | 23       | 1                 | 4           | 3                   | -        | 1         | 1              | 1                                    | 5                               | 10                      | 15              | 7                         | 21.2                              | 2.5                      | 56.7                 | 40.0    | 46.2                        | 7.89        | 1.19        | 3.02           | BRISTOL.     |            |
| WOLVERHAMPTON               | 81,691  | 56  | 33      | 10  | 7        | -                 | -           | -                   | 1        | 1         | -              | 2                                    | 5                               | 4                       | 1               | 21.1                      | 1.3                               | 58.8                     | 34.3                 | 45.1    | 7.28                        | 1.34        | 3.40        | WOLVERHAMPTON. |              |            |
| BIRMINGHAM                  | 447,912   | 289   | 183     | 34  | 52       | -                 | 1           | -                   | 5        | 4         | 2              | 8                                    | 17                              | 39                      | 5               | 21.3                      | 1.4                               | -                        | -                    | -       | -                           | -           | -           | -              | BIRMINGHAM.  |            |
| LEICESTER*                  | 146,790   | 99  | 50      | 13  | 14       | -                 | 1           | -                   | 2        | 2         | -              | 1                                    | 4                               | 9                       | -               | 17.8                      | 2.1                               | -                        | -                    | -       | -                           | -           | -           | -              | LEICESTER.   |            |
| NOTTINGHAM*                 | 230,921   | 147   | 83      | 15  | 24       | -                 | 8           | -                   | -        | 3         | 2              | 1                                    | 3                               | 7                       | 1               | 18.8                      | 2.9                               | 60.6                     | 39.0                 | 47.2    | 8.44                        | 1.69        | 4.29        | -              | NOTTINGHAM.  |            |
| DERBY                       | 96,241  | 63  | 29      | 8   | 7        | -                 | -           | -                   | 1        | -         | -              | -                                    | 2                               | 2                       | -               | 15.7                      | 0.5                               | -                        | -                    | -       | -                           | -           | -           | -              | DERBY.       |            |
| BIRKENHEAD                  | 100,093   | 66  | 38      | 11  | 9        | -                 | -           | -                   | -        | 1         | -              | 1                                    | 5                               | 5                       | -               | 19.8                      | 0.5                               | -                        | -                    | -       | -                           | -           | -           | -              | BIRKENHEAD.  |            |
| LIVERPOOL                   | 599,738   | 407   | 226     | 36  | 43       | -                 | 5           | -                   | 7        | 3         | 2              | 7                                    | 9                               | 47                      | 19              | 19.7                      | 1.5                               | 58.4                     | 39.3                 | 46.4    | 8.00                        | 0.63        | 1.60        | -              | LIVERPOOL.   |            |
| ROLTON                      | 113,506   | 65  | 43      | 15  | 8        | -                 | -           | -                   | 3        | 2         | 3              | 1                                    | 3                               | 9                       | -               | 19.8                      | 3.7                               | -                        | -                    | -       | -                           | -           | -           | -              | ROLTON.      |            |
| MANCHESTER                  | 578,164   | 234   | 173     | 28  | 32       | 1                 | 1           | 3                   | 2        | 8         | 2              | 4                                    | 6                               | 15                      | 41              | -                         | 23.9                              | 2.9                      | -                    | -       | -                           | -           | -           | -              | MANCHESTER.  |            |
| SALFORD*                    | 226,336   | 136   | 89      | 24  | 13       | -                 | 3           | 2                   | 6        | -         | 3              | 1                                    | 1                               | 1                       | 14              | -                         | 20.5                              | 3.2                      | -                    | -       | -                           | -           | -           | -              | SALFORD.     |            |
| OLDHAM                      | 138,220   | 92  | 77      | 16  | 18       | 2                 | -           | 2                   | 2        | 1         | -              | 1                                    | 1                               | 1                       | 18              | -                         | 29.1                              | 3.0                      | -                    | -       | -                           | -           | -           | -              | OLDHAM.      |            |
| BLACKBURN                   | 119,039   | 79  | 58      | 14  | 19       | -                 | -           | 2                   | 4        | -         | -              | -                                    | -                               | -                       | 10              | 2                         | 25.4                              | 2.6                      | -                    | -       | -                           | -           | -           | -              | BLACKBURN.   |            |
| PRESTON                     | 103,234   | 75  | 46      | 12  | 10       | -                 | 1           | -                   | -        | 2         | -              | -                                    | 3                               | 4                       | 2               | 1                         | 23.2                              | 1.5                      | 58.0                 | 40.0    | 48.4                        | 9.11        | 0.61        | 1.55           | PRESTON.     |            |
| HUDDESFIELD                 | 91,419  | 45  | 38      | 12  | 10       | -                 | -           | -                   | 1        | -         | -              | -                                    | 3                               | 3                       | 5               | 3                         | 21.7                              | 0.6                      | -                    | -       | -                           | -           | -           | -              | HUDDESFIELD. |            |
| HALIFAX                     | 80,138  | 48  | 38      | 4   | 14       | -                 | -           | -                   | -        | -         | -              | 1                                    | 1                               | 9                       | 1               | 24.7                      | 0.0                               | -                        | -                    | -       | -                           | -           | -           | -              | HALIFAX.     |            |
| BRADFORD*                   | 229,721   | 128   | 79      | 21  | 22       | -                 | 2           | 1                   | -        | 1         | -              | 6                                    | 8                               | 9                       | 1               | 17.9                      | 0.9                               | 60.2                     | 39.1                 | 47.5    | 8.61                        | 1.67        | 4.24        | -              | BRADFORD.    |            |
| LEEDS                       | 361,210   | 213   | 151     | 33  | 36       | -                 | 1           | 4                   | -        | 8         | -              | 4                                    | 9                               | 16                      | 1               | 22.4                      | 1.9                               | -                        | -                    | -       | -                           | -           | -           | -              | LEEDS.       |            |
| SHEFFIELD                   | 321,711   | 189   | 130     | 23  | 28       | 12                | -           | 2                   | 2        | 2         | 1              | 1                                    | 3                               | 5                       | 20              | 10                        | 21.1                              | 3.2                      | -                    | -       | -                           | -           | -           | -              | SHEFFIELD.   |            |
| HULL                        | 292,359   | 129   | 66      | 10  | 20       | 3                 | -           | 1                   | -        | 2         | 1              | 1                                    | 5                               | 6                       | 10              | 3                         | 17.0                              | 2.1                      | 62.0                 | 38.0    | 45.5                        | 7.50        | 1.12        | 2.84           | HULL.        |            |
| SUNDERLAND                  | 181,919   | 84  | 41      | 14  | 8        | -                 | -           | -                   | 1        | 1         | -              | 3                                    | 5                               | 6                       | -               | 16.2                      | 0.8                               | -                        | -                    | -       | -                           | -           | -           | -              | SUNDERLAND.  |            |
| NEWCASTLE*                  | 169,063   | 127   | 65      | 14  | 11       | -                 | -           | -                   | 1        | 1         | 1              | 1                                    | -                               | 2                       | 4               | 1                         | 21.3                              | 2.0                      | 57.0                 | 40.0    | 46.3                        | 7.94        | 0.84        | 2.13           | -            | NEWCASTLE. |
| CARDIFF*                    | 108,570   | 67  | 39      | 11  | 5        | -                 | -           | -                   | -        | -         | -              | 1                                    | 3                               | 8                       | 2               | 18.7                      | 0.0                               | -                        | -                    | -       | -                           | -           | -           | -              | CARDIFF.     |            |
| EDINBURGH                   | 262,733   | 164   | 101     | 18  | 21       | -                 | 3           | -                   | 1        | 1         | 2              | 2                                    | 1                               | 1                       | 21              | 19                        | 20.1                              | 1.8                      | 57.5                 | 34.0    | 45.4                        | 7.44        | 1.05        | 2.67           | EDINBURGH.   |            |
| GLASGOW                     | 526,068   | 351   | 228     | 52  | 46       | -                 | 5           | 1                   | 8        | 9         | 4              | 3                                    | 5                               | 7                       | 26              | 28                        | 22.6                              | 3.0                      | 57.8                 | 34.1    | 46.8                        | 8.22        | 0.71        | 1.80           | GLASGOW.     |            |
| DUBLIN                      | 353,062   | 173   | 168     | 25  | 59       | -                 | -           | 3                   | 1        | 5         | 2              | 1                                    | 6                               | 7                       | 56              | 19                        | 24.8                              | 1.8                      | 58.9                 | 37.8    | 46.6                        | 8.11        | 0.64        | 1.63           | DUBLIN.      |            |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the SIXTEENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2418 | 2703 | 2616 | 2397 | 2683 | 2607 | 2568 | 2541 | 2505 | 2879 | 2826.2   | 2579 |
| Males . .           | 1266 | 1404 | 1384 | 1227 | 1357 | 1329 | 1310 | 1292 | 1257 | 1490 | 1446.7   | 1289 |
| Females .           | 1152 | 1299 | 1282 | 1170 | 1326 | 1278 | 1258 | 1249 | 1248 | 1389 | 1379.5   | 1290 |
| <b>TOTAL Deaths</b> | 1773 | 1757 | 1417 | 1600 | 1573 | 1755 | 1649 | 1743 | 1460 | 1529 | 1772.7   | 1552 |
| Males . .           | 918  | 916  | 730  | 829  | 806  | 907  | 860  | 889  | 748  | 798  | 916.1  | 792  |
| Females .           | 855  | 841  | 687  | 771  | 767  | 848  | 789  | 854  | 712  | 731  | 856.6  | 760  |

\* The numbers in this column are the average weekly numbers in the sixteenth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Jan.<br>28. | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. |
|--|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|
| <b>TOTAL Births</b>                          | -           | -          | 2715        | 2688        | 2830        | 2569       | 2473        | 2778        | 2583        | 2629        | 2522       | 2492        | 2588        |
| <b>TOTAL Deaths</b>                          | -           | -          | 1816        | 1894        | 1838        | 1689       | 1772        | 1794        | 1886        | 1604        | 1655       | 1668        | 1593        |
| 0-20   | -           | -          | 849         | 907         | 807         | 763        | 772         | 795         | 811         | 698         | 715        | 747         | 716         |
| 20-40  | -           | -          | 215         | 210         | 205         | 178        | 199         | 215         | 223         | 201         | 197        | 183         | 189         |
| 40-60  | -           | -          | 304         | 319         | 293         | 300        | 331         | 313         | 300         | 275         | 285        | 340         | 270         |
| 60-80  | -           | -          | 366         | 368         | 440         | 353        | 388         | 391         | 465         | 353         | 384        | 329         | 320         |
| at 80 years & upwds.                         | -           | -          | 82          | 90          | 93          | 95         | 82          | 80          | 87          | 77          | 74         | 69          | 98          |
| Deaths of children                           | -           | -          | 394         | 413         | 394         | 360        | 351         | 371         | 424         | 332         | 361        | 366         | 346         |
| Under 1 year                                 | -           | -          | 353         | 366         | 310         | 304        | 320         | 302         | 281         | 274         | 254        | 273         | 263         |
| 1-5  | -           | -          | 102         | 128         | 103         | 99         | 101         | 122         | 106         | 92          | 100        | 108         | 107         |
| 5-20   | -           | -          | -           | -           | -           | -          | -           | -           | -           | -           | -          | -           | -           |
| Deaths from Small-pox                        | -           | -          | -           | -           | 1           | -          | -           | 2           | -           | -           | -          | -           | -           |
| " " Measles                                  | -           | -          | 16          | 18          | 15          | 14         | 18          | 15          | 21          | 22          | 18         | 17          | 16          |
| " " Scarlet fever                            | -           | -          | 29          | 39          | 36          | 30         | 32          | 27          | 29          | 25          | 24         | 40          | 20          |
| " " Diphtheria                               | -           | -          | 29          | 29          | 40          | 18         | 30          | 24          | 24          | 22          | 17         | 15          | 16          |
| " " Whooping-cough                           | -           | -          | 168         | 177         | 153         | 122        | 127         | 94          | 101         | 92          | 80         | 93          | 89          |
| " " Typhus                                   | -           | -          | -           | -           | -           | -          | -           | -           | 1           | 1           | 1          | -           | -           |
| " " Enteric fever                            | -           | -          | 13          | 26          | 12          | 18         | 16          | 15          | 20          | 10          | 10         | 13          | 20          |
| " " Simple Cont <sup>a</sup> fever           | -           | -          | 1           | 3           | 1           | -          | -           | -           | 1           | -           | -          | -           | 1           |
| " " Diarrhœa and<br>Dysentery                | -           | -          | 11          | 15          | 12          | 8          | 8           | 10          | 17          | 10          | 6          | 16          | 17          |
| " " Cholera                                  | -           | -          | -           | -           | -           | 1          | -           | -           | -           | -           | -          | -           | 1           |
| Deaths from the above-<br>mentioned Diseases | -           | -          | 267         | 307         | 269         | 211        | 232         | 185         | 214         | 183         | 156        | 195         | 180         |
| " " Dis. of Respira-<br>tory System          | -           | -          | 534         | 516         | 504         | 487        | 473         | 488         | 490         | 459         | 457        | 460         | 419         |
| " " Phthisis                                 | -           | -          | 154         | 159         | 149         | 131        | 170         | 165         | 159         | 140         | 144        | 155         | 152         |
| " " Dis. of Circula-<br>tory System          | -           | -          | 143         | 154         | 163         | 127        | 134         | 137         | 161         | 137         | 133        | 130         | 128         |
| Violent Deaths                               | -           | -          | 59          | 55          | 58          | 39         | 62          | 65          | 51          | 58          | 64         | 75          | 56          |
| Inquest Cases                                | -           | -          | 127         | 131         | 119         | 88         | 107         | 149         | 123         | 116         | 120        | 129         | 129         |
| Deaths in Public Institutions                | -           | -          | 381         | 388         | 408         | 358        | 405         | 379         | 424         | 355         | 365        | 376         | 347         |
| TEMPERATURE OF THE AIR                       | -           | -          | -           | -           | -           | -          | -           | -           | -           | -           | -          | -           | -           |
| Mean   | -           | -          | 40.7        | 33.7        | 43.6        | 34.1       | 29.8        | 31.5        | 42.6        | 37.2        | 34.7       | 40.0        | 37.1        |
| Mean of Highest readings                     | -           | -          | 44.6        | 38.8        | 48.4        | 38.1       | 33.9        | 35.9        | 48.8        | 43.2        | 40.6       | 47.5        | 47.0        |
| Mean of Lowest readings                      | -           | -          | 36.8        | 27.6        | 38.9        | 31.1       | 25.9        | 27.5        | 36.9        | 32.7        | 30.4       | 34.5        | 29.3        |
| Humidity of the Air                          | -           | -          | 83          | 73          | 83          | 82         | 76          | 76          | 79          | 81          | 80         | 87          | 78          |
| Rain-fall in inches                          | -           | -          | 0.10        | 0.17        | 0.26        | 0.38       | 0.21        | 0.02        | 0.30        | 0.95        | 0.66       | 0.87        | 0.08        |
| Registered Sunshine (in hours)               | -           | -          | 3.0         | 11.1        | 1.8         | 5.6        | 6.0         | 10.4        | 6.5         | 10.8        | 11.3       | 11.2        | 29.0        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. G. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Aclandshorough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SIXTEENTH Week of the Year 1888.

| CAUSES OF DEATH.   | Corrected Averages for the 10th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 21st April 1888. |      |       |                  |                  |                  |                       |      |      |       | CAUSES OF DEATH.   | Corrected Averages for the 10th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 21st April 1888. |                  |                  |                       |    |    |    |    |   |   |  |  |
|--|---|---|------|-------|------------------|------------------|------------------|-----------------------|------|------|-------|--|---|---|------------------|------------------|-----------------------|----|----|----|----|---|---|--|--|
|  |   | Deaths of Persons of the Ages                 |      |       |                  |                  |                  |                       |      |      |       |  |   | Deaths of Persons of the Ages                 |                  |                  |                       |    |    |    |    |   |   |  |  |
|  |   | ALL AGES.                                     |      |       |                  |                  |                  |                       |      |      |       |  |   | ALL AGES.                                     |                  |                  |                       |    |    |    |    |   |   |  |  |
|  |   | 0-1.  | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | 0-1. | 1-5. | 5-20. |  |   | 20 and under 40.                              | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |    |    |    |    |   |   |  |  |
| ALL CAUSES - -   | 1772.7  | 1552  | 367  | 230   | 85               | 212              | 265              | 310                   | 83   |      |       | Diseases of Organs of Special Sense † - -                    | 3.2   | 6   | 3                | -                | 1                     | -  | 1  | -  | 1  | - | 1 |  |  |
| Small-pox { Vaccinated † - - }<br>{ Unvaccinated - - }<br>{ No Statement - - } | 27.7  | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Circulatory System - - -                         | 118.4   | 129   | 1                | 1                | 10                    | 24 | 37 | 46 | 10 |   |   |  |  |
| Measles - - -  | 63.1  | 18  | 5    | 12    | -                | 1                | -                | -                     | -    |      |       | Croup - - -  | 13.0  | 6   | 1                | 2                | 3                     | -  | -  | -  | -  | - |   |  |  |
| Scarlet Fever - - -  | 24.9  | 21  | 2    | 15    | 3                | 1                | -                | -                     | -    |      |       | Bronchitis - - -   | 237.3   | 221   | 53               | 84               | 2                     | 7  | 37 | 72 | 16 |   |   |  |  |
| Typhus - - -   | 1.1   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Pneumonia - - -  | 112.8   | 103   | 22               | 18               | 3                     | 23 | 22 | 17 | 3  |   |   |  |  |
| Relapsing Fever † - -  | 0.0   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Pleurisy - - -   | 7.3   | 9   | -                | 3                | -                     | 1  | 2  | 3  | -  |   |   |  |  |
| Influenza - - -  | 0.1   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Other Diseases of Respiratory System - -                     | 37.5  | 19  | 4                | 2                | -                     | 2  | 1  | 9  | 1  |   |   |  |  |
| Whooping-cough - -   | 91.3  | 92  | 83   | 49    | 5                | -                | -                | -                     | -    |      |       | Dentition † - - -  | 17.3  | 19  | 12               | 7                | -                     | -  | -  | -  | -  |   |   |  |  |
| Diphtheria - - -   | 15.6  | 10  | 1    | 4     | 3                | 2                | -                | -                     | -    |      |       | Quinsy, Sore Throat † -                                      | 2.5   | 3   | 1                | 1                | -                     | 1  | -  | -  | -  |   |   |  |  |
| Simple Continued and Ill-defined Fever - -                                     | 3.1   | 1   | -    | 1     | -                | -                | -                | -                     | -    |      |       | Enteritis - - -  | 6.8   | 6   | 2                | -                | 2                     | -  | -  | 2  | -  |   |   |  |  |
| Enteric Fever - - -  | 11.4  | 13  | -    | 4     | 4                | 5                | -                | -                     | -    |      |       | Peritonitis - - -  | 7.0   | 3   | -                | 1                | 1                     | -  | -  | 1  | -  |   |   |  |  |
| Cholera - - -  | 0.2   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Liver and Other Diseases of Digestive System - - | 33.5  | 27  | 2                | -                | 3                     | 13 | 9  | -  | -  |   |   |  |  |
| Diarrhoea, Dysentery -   | 15.6  | 23  | 13   | 1     | -                | 1                | -                | 5                     | 3    |      |       | Diseases of Lymphatic System & of Ductless Glands † - - -    | 1.9   | 1   | -                | -                | 1                     | -  | -  | -  | -  |   |   |  |  |
| Remittent Fever † - -  | 0.5   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Urinary System - - -                             | 40.0  | 57  | 1                | 1                | 2                     | 13 | 24 | 16 | -  |   |   |  |  |
| Hydrophobia - - -  | 0.2   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Generative System - - -                          | 7.1   | 4   | 1                | -                | -                     | 2  | -  | 1  | -  |   |   |  |  |
| Glanders - - -   | 0.1   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Accidents of Childbirth -                                    | 3.3   | 4   | -                | -                | -                     | 3  | 1  | -  | -  |   |   |  |  |
| Cowpox and Effects of Vaccination † - -  | 0.2   | 2   | 2    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Locomotive System † - - -                        | 5.8   | 5   | -                | 1                | -                     | 1  | 2  | 1  | -  |   |   |  |  |
| Veneral Affections -   | 8.4   | 8   | 6    | -     | -                | 2                | -                | -                     | -    |      |       | Diseases of Integumentary System - - -                       | 7.1   | 5   | 1                | -                | -                     | -  | 3  | 1  | -  |   |   |  |  |
| Erysipelas - - -   | 6.9   | 4   | -    | -     | -                | 2                | 2                | -                     | -    |      |       | VIOLENT DEATHS. ‡  |   |   |                  |                  |                       |    |    |    |    |   |   |  |  |
| Pyæmia and Septicæmia †  | 4.6   | 3   | 1    | -     | 2                | -                | -                | -                     | -    |      |       | ACCIDENT.)   |   |   |                  |                  |                       |    |    |    |    |   |   |  |  |
| Puerperal Fever - - -  | 7.2   | 6   | -    | -     | 5                | 1                | -                | -                     | -    |      |       | Fracture and Contusion -                                     | 21.2  | 19  | 1                | 2                | 3                     | 1  | 9  | 3  | -  |   |   |  |  |
| Other Zymotic Diseases †   | 1.4   | 2   | 1    | -     | -                | -                | 1                | -                     | -    |      |       | Gunshot Wound - - -  | 0.1   | -   | -                | -                | -                     | -  | -  | -  | -  |   |   |  |  |
| Thrush - - -   | 1.8   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Cut, Stab - - -  | 0.3   | -   | -                | -                | -                     | -  | -  | -  | -  |   |   |  |  |
| Worms and other Parasitical Diseases - - -                                     | 0.3   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Burn and Scald - - -   | 6.2   | 5   | -                | 4                | 1                     | -  | -  | -  | -  |   |   |  |  |
| Starvation, Want of Breast-milk † - -  | 2.8   | 1   | 1    | -     | -                | -                | -                | -                     | -    |      |       | Poison - - -   | 1.5   | 1   | -                | -                | -                     | -  | 1  | -  | -  |   |   |  |  |
| Alcoholism - - -   | 3.9   | 7   | -    | -     | 4                | 2                | -                | 1                     | -    |      |       | Drowning - - -   | 5.2   | 3   | -                | -                | -                     | 2  | 1  | -  | -  |   |   |  |  |
| Rheumatic Fever, Rheumatism of Heart †   | 6.8   | 10  | -    | 1     | 1                | 6                | 1                | 1                     | -    |      |       | Suffocation - - -  | 14.9  | 6   | 6                | -                | -                     | -  | -  | -  | -  |   |   |  |  |
| Rheumatism † - - -   | 2.8   | 1   | -    | -     | -                | -                | -                | 1                     | -    |      |       | Otherwise - - -  | 2.9   | 2   | -                | 1                | -                     | -  | -  | -  | 1  |   |   |  |  |
| Gout - - -   | 8.3   | 2   | -    | -     | -                | 1                | 1                | -                     | -    |      |       | (HOMICIDE.)  |   |   |                  |                  |                       |    |    |    |    |   |   |  |  |
| Rickets † - - -  | 4.1   | 3   | -    | 3     | -                | -                | -                | -                     | -    |      |       | Murder & Manslaughter -                                      | 1.5   | -   | -                | -                | -                     | -  | -  | -  | -  |   |   |  |  |
| Cancer - - -   | 51.9  | 47  | -    | -     | 1                | 8                | 17               | 21                    | -    |      |       | (SUICIDE.)   |   |   |                  |                  |                       |    |    |    |    |   |   |  |  |
| Tabes Mesenterica - -  | 25.7  | 13  | 11   | 6     | -                | 1                | -                | -                     | -    |      |       | Gunshot Wound - - -  | 0.9   | 2   | -                | -                | -                     | 1  | 2  | -  | -  |   |   |  |  |
| Tubercular Meningitis -  | 33.6  | 22  | 7    | 11    | 3                | 1                | -                | -                     | -    |      |       | Cut, Stab - - -  | 1.9   | 2   | -                | -                | -                     | -  | -  | -  | -  |   |   |  |  |
| Phtisis - - -  | 134.7   | 137   | -    | 6     | 11               | 72               | 34               | 13                    | 1    |      |       | Poison - - -   | 2.1   | 1   | -                | 1                | -                     | -  | -  | -  | -  |   |   |  |  |
| Sarcoid, Tuberculosis -  | 16.7  | 20  | 6    | 4     | 5                | 5                | -                | -                     | -    |      |       | Drowning - - -   | 1.3   | 2   | -                | -                | 1                     | 1  | -  | -  | -  |   |   |  |  |
| Other Constitutional Diseases † - - -  | 11.1  | 16  | -    | -     | 3                | 3                | 7                | 2                     | 1    |      |       | Hanging - - -  | 2.2   | 5   | -                | -                | -                     | 2  | 3  | -  | -  |   |   |  |  |
| Premature Birth - - -  | 80.4  | 33  | 33   | -     | -                | -                | -                | -                     | -    |      |       | Otherwise - - -  | 0.9   | -   | -                | -                | -                     | -  | -  | -  | -  |   |   |  |  |
| Atelectasis † - - -  | 3.0   | 2   | 2    | -     | -                | -                | -                | -                     | -    |      |       | (EXECUTION.)   |   |   |                  |                  |                       |    |    |    |    |   |   |  |  |
| Constitutional Malformations - - -   | 8.6   | 9   | 7    | -     | 2                | -                | -                | -                     | -    |      |       | Hanging - - -  | 0.0   | -   | -                | -                | -                     | -  | -  | -  | -  |   |   |  |  |
| Old Age - - -  | 53.1  | 61  | -    | -     | -                | -                | 29               | 32                    | -    |      |       | OTHER CAUSES † - -   | 60.1  | 47  | 41               | 4                | -                     | -  | -  | 1  | 1  |   |   |  |  |
| Apoplexy - - -   | 47.1  | 40  | -    | -     | -                | 3                | 15               | 15                    | 7    |      |       |  |   |   |                  |                  |                       |    |    |    |    |   |   |  |  |
| Epilepsy - - -   | 8.2   | 9   | 1    | -     | -                | -                | 2                | 6                     | -    |      |       |  |   |   |                  |                  |                       |    |    |    |    |   |   |  |  |
| Convulsions - - -  | 58.8  | 49  | 39   | 9     | 1                | -                | -                | -                     | -    |      |       |  |   |   |                  |                  |                       |    |    |    |    |   |   |  |  |
| Other Diseases of Brain and Nervous System †                                   | 93.9  | 111   | 31   | 23    | 9                | 6                | 20               | 19                    | 3    |      |       |  |   |   |                  |                  |                       |    |    |    |    |   |   |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

|   |  | The DEATHS registered in the Week include    |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |                     |
|---|--|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|----------------|-----------------------------------|---------------------|
| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes. |
|   |  |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 10<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |                |                                   |                     |
| LONDON . . . . .  |  | 3,815,704                                    | 2579                                | 1552                                | 367                             | 393                                 | -           | 18       | 21             | 10          | 92              | -       | 13                             | 1                            | 23         | 43        | 109 | 352            | 18                                |                     |
| WEST DISTRICTS . . . . .  |  | 669,638                                      | 405                                 | 272                                 | 76                              | 69                                  | -           | 2        | 2              | 2           | 23              | -       | 4                              | 1                            | 4          | 6         | 19  | 57             | -                                 |                     |
| NORTH DISTRICTS . . . . .   |  | 905,947                                      | 537                                 | 334                                 | 72                              | 104                                 | -           | 9        | 6              | 2           | 13              | -       | 6                              | -                            | 3          | 14        | 25  | 79             | -                                 |                     |
| CENTRAL DISTRICTS . . . . .   |  | 282,238                                      | 155                                 | 123                                 | 23                              | 27                                  | -           | 1        | -              | 3           | 4               | -       | -                              | -                            | 2          | 4         | 11  | 41             | -                                 |                     |
| EAST DISTRICTS . . . . .  |  | 692,738                                      | 544                                 | 277                                 | 58                              | 71                                  | -           | 1        | 2              | -           | 7               | -       | 2                              | -                            | 8          | 8         | 30  | 95             | 1                                 |                     |
| SOUTH DISTRICTS . . . . .   |  | 1,265,148                                    | 938                                 | 517                                 | 138                             | 122                                 | -           | 5        | 11             | 3           | 43              | -       | 1                              | -                            | 6          | 16        | 24  | 80             | 17                                |                     |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| WEST DISTRICTS.   |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |                     |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69688  | 44                                  | 28                                  | 9                               | 4                                   | -           | 1        | -              | 1           | 3               | -       | -                              | -                            | -          | 2         | 2   | 6              | -                                 |                     |
| St. John Paddington H - - - G.J.  |  | 87390  | 9                                   | 12                                  | 2                               | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1   | 5              | -                                 |                     |
| Kensington Town Ww - - - W.M.   |  | 120141                                       | 85                                  | 58                                  | 16                              | 20                                  | -           | 1        | -              | -           | 5               | -       | -                              | -                            | -          | -         | 3   | 11             | -                                 |                     |
| Brompton HH - - - W.M. & C.   |  | 48010  | 14                                  | 10                                  | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -   | 2              | -                                 |                     |
| St. Peter Hammersmith - - - W.M.  |  | 7899   | 8                                   | 1                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 52                                  | 28                                  | 14                              | 10                                  | -           | -        | -              | 2           | -               | -       | 1                              | -                            | -          | -         | 3   | 2              | -                                 |                     |
| Fulham Ww - - - W.M. & C.   |  | 42900  | 71                                  | 38                                  | 12                              | 12                                  | -           | -        | 1              | -           | 4               | -       | 1                              | 1                            | -          | 1         | 1   | 5              | -                                 |                     |
| Chelsea South HHH - - - C.  |  | 30396  | 14                                  | 19                                  | 6                               | 3                                   | -           | -        | -              | 1           | -               | 1       | -                              | -                            | -          | 1         | 3   | 1              | -                                 |                     |
| Chelsea North-west WHHHHH C.  |  | 24925  | 26                                  | 12                                  | -                               | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 8              | -                                 |                     |
| Chelsea North-east - - - C.   |  | 32307  | 29                                  | 12                                  | 4                               | 3                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | 1   | -              | -                                 |                     |
| May Fair WW - - - G.J.  |  | 30353  | 9                                   | 10                                  | 1                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 2              | -                                 |                     |
| Belgrave WHHH - - - C.  |  | 59220  | 21                                  | 22                                  | 4                               | 4                                   | -           | -        | -              | 3           | -               | -       | -                              | -                            | -          | 2         | 4   | 10             | -                                 |                     |
| St. John Westminster HHH - C.   |  | 35496  | 27                                  | 8                                   | 3                               | 2                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| St. Margaret Westminster H - C.   |  | 24679  | 7                                   | 4                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 4              | -                                 |                     |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941  | 14                                  | 5                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| St. Anne Soho HHHHHH - N.R.   |  | 16008  | 10                                  | 5                                   | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1              | -                                 |                     |
| NORTH DISTRICTS.  |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |                     |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 14                                  | 15                                  | 3                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | 3              | -                                 |                     |
| Cavendish Square HHHH - W.M.  |  | 14891  | 3                                   | 4                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 1              | -                                 |                     |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 9                                   | 11                                  | 3                               | 3                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 2              | -                                 |                     |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 30                                  | 8                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | 1          | -         | -   | -              | -                                 |                     |
| Christchurch Marylebone H - W.M.  |  | 33700  | 23                                  | 12                                  | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1   | -              | -                                 |                     |
| St. John Marylebone H - W.M.  |  | 33635  | 12                                  | 6                                   | 1                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Hampstead WwHHHH N.R. & W.M.  |  | 45452  | 28                                  | 14                                  | 4                               | 5                                   | -           | -        | 1              | -           | 1               | -       | -                              | -                            | -          | 1         | 1   | 1              | -                                 |                     |
| Regent's Park Pancras H - - W.M.  |  | 39115  | 23                                  | 12                                  | 2                               | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 3   | -              | -                                 |                     |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 16                                  | 19                                  | 1                               | 4                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -          | 2         | 2   | 3              | -                                 |                     |
| Gray's Inn Lane HHH - - - N.R.  |  | 30247  | 18                                  | 13                                  | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 2              | -                                 |                     |
| Somers Town H - - - N.R.  |  | 34389  | 11                                  | 13                                  | 3                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 9              | -                                 |                     |
| Camden Town WH - - - N.R.   |  | 17311  | 53                                  | 39                                  | 10                              | 15                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 2   | 8              | -                                 |                     |
| Kentish Town W - - - N.R.   |  | 37487  | 50                                  | 43                                  | 8                               | 15                                  | -           | 1        | 1              | -           | 3               | -       | -                              | -                            | -          | 2         | 4   | 20             | -                                 |                     |
| Upper Holloway WWWh - - - N.R.  |  | 67946  | 62                                  | 33                                  | 7                               | 10                                  | -           | -        | -              | 1           | 3               | -       | -                              | -                            | -          | 1         | 1   | 1              | -                                 |                     |
| Islington South-west HH - - - N.R.  |  | 100076                                       | 37                                  | 21                                  | 6                               | 4                                   | -           | -        | -              | 1           | -               | 2       | -                              | -                            | -          | 1         | 2   | -              | -                                 |                     |
| Islington South-east - - - N.R.   |  | 61895  | 21                                  | 12                                  | 3                               | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Highbury H - - - N.R.   |  | 52048  | 14                                  | 12                                  | 4                               | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Stoke Newington H - - - N.R.  |  | 22781  | 5                                   | 5                                   | 1                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Stamford Hill - - - E.L.  |  | 9277   | 25                                  | 10                                  | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| West Hackney - - - N.R.   |  | 37610  | 40                                  | 45                                  | 6                               | 10                                  | -           | 2        | 2              | -           | 3               | -       | 3                              | -                            | -          | 2         | 2   | 14             | -                                 |                     |
| Hackney WwWh - - - E.L. & N.R.  |  | 76911  | 25                                  | 8                                   | 1                               | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -              | -                                 |                     |
| South Hackney - - - E.L.  |  | 39383  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| CENTRAL DISTRICTS.  |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |                     |
| St. George Bloomsbury - - - N.R.  |  | 16681  | 6                                   | 7                                   | 1                               | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | -              | -                                 |                     |
| St. Giles South WH - - - N.R.   |  | 14364  | 7                                   | 9                                   | 2                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 5              | -                                 |                     |
| St. Giles North - - - N.R.  |  | 13837  | 5                                   | 2                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 8                                   | 6                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 3              | -                                 |                     |
| St. Mary-le-Strand H - - - N.R.   |  | 7515   | 3                                   | 7                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | 5              | -                                 |                     |
| St. Clement Danes H - - - N.R.  |  | 8559   | 3                                   | 3                                   | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3              | -                                 |                     |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18671  | 9                                   | 13                                  | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 10             | -                                 |                     |
| St. Andrew Eastern W - - - N.R.   |  | 10706  | 5                                   | 4                                   | 1                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1              | -                                 |                     |
| St. Basil Hill H - - - N.R.   |  | 6533   | 3                                   | 3                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| St. James Clerkenwell - - - N.R.  |  | 17516  | 19                                  | 7                                   | 4                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| St. James Clerkenwell - - - N.R.  |  | 19281  | 9                                   | 7                                   | 2                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Amwell Clerkenwell - - - N.R.   |  | 12291  | 4                                   | 4                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Pentonville - - - N.R.  |  | 14773  | 8                                   | 6                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Goosewell-street - - - N.R.   |  | 17505  | 10                                  | 6                                   | 1                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Old-street H - - - N.R.   |  | 11541  | 13                                  | 1                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| City-road HHL - - - N.R.  |  | 18628  | 22                                  | 9                                   | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Whitecross-street - - - N.R.  |  | 9217   | 6                                   | 4                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1   | -              | -                                 |                     |
| Finsbury - - - N.R.   |  | 7463   | 5                                   | 1                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Holborn Union Workhouse, Mitcham. w.  |  | -  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| St. Botolph H - - - N.R. & E.L.   |  | 11174  | 2                                   | 5                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Cripplegate - - - N.R.  |  | 7193   | 2                                   | 2                                   | 1                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| St. Sepulchre H - - - N.R.  |  | 5358   | 2                                   | 15                                  | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2   | 14             | -                                 |                     |
| St. Bride W - - - N.R.  |  | 8395   | 5                                   | 3                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Albhallows Barking - - - N.R.   |  | 13666  | 1                                   | 1                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                     |
| Broad Street H - - - N.R.   |  | 5652   | 2                                   | 2                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -              | -                                 |                     |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-  
houses; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands;  
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts: G.J., signifies  
Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London;  
and K., the Kent Company.





TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 21st April, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |    |    |   |  |                |                                   |                     |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----|----|---|--|----------------|-----------------------------------|---------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |    |    |   |  | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes. |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |    |    |   |  |                |                                   |                     |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 755     | 402     | 94  | 110                                 | -           | 3        | 5              | 5           | 30              | 3      | 4          | 10        | 20 | 51 | - |  |                |                                   |                     |
| 30: 1   | Carshalton wL -                | 12298  | 21118   | 11      | 18      | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 9  | - |  |                |                                   |                     |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 5       | 6       | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 6  | - |  |                |                                   |                     |
| 37: 1   | Godstone (part of)* -          | 2754   | 1235  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 38: 1   | Croydon WwHHL -                | 20851  | 101241  | 71      | 45      | 9   | 11                                  | -           | -        | -              | 1           | 2               | 1      | -          | 1         | 2  | 11 | - |  |                |                                   |                     |
| 2   | Mitcham w† -                   | 11697  | 17932   | 10      | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 39: 1   | Wimbledon HHH -                | 3220   | 15950   | 15      | 4       | 1   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 2   | Kingston WHH -                 | 8549   | 38354   | 14      | 15      | 4   | 4                                   | -           | 1        | -              | 1           | 1               | -      | -          | 1         | 1  | -  | - |  |                |                                   |                     |
| 3   | Esher (part of)* -             | 6601   | 9221  | 8       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 4   | Hampton H -                    | 4573   | 13339   | 3       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 40: 1   | Richmond WH -                  | 2272   | 21302   | 9       | 8       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1  | - |  |                |                                   |                     |
| 2   | Mortlake - -                   | 2941   | 12331   | 7       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 2         | 2  | -  | - |  |                |                                   |                     |
| 41: 1   | Bromley (pt. of)* HH           | 15669  | 81142   | 29      | 8       | 1   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 16844   | 3       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  | - |  |                |                                   |                     |
| 42: 1   | Bexley H - -                   | 13437  | 24134   | 18      | 3       | 1   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 124: 1  | Sunbury w - -                  | 11055  | 11685   | 11      | 8       | 1   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 2   | Staines W - -                  | 13277  | 12089   | 3       | 4       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 125: 1  | Hillingdon WHH -               | 6029   | 10802   | 10      | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 2  | - |  |                |                                   |                     |
| 2   | Uxbridge - -                   | 6173   | 5225  | 4       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  | - |  |                |                                   |                     |
| 3   | Hayes wHL -                    | 14537  | 11523   | 5       | 5       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 3  | - |  |                |                                   |                     |
| 126: 1  | Isleworth WHH -                | 7003   | 22727   | 16      | 8       | 2   | 3                                   | -           | -        | -              | -           | 1               | -      | 1          | 1         | 2  | -  | - |  |                |                                   |                     |
| 2   | Twickenham H -                 | 2477   | 12479   | 9       | 5       | 3   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1  | -  | - |  |                |                                   |                     |
| 3   | Brentford HL -                 | 4345   | 27649   | 22      | 11      | 2   | 2                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 4   | Chiswick - -                   | 1340   | 15975   | 12      | 15      | 2   | 4                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 5   | Acton wH - -                   | 6083   | 22376   | 13      | 12      | 5   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | 2  | -  | - |  |                |                                   |                     |
| 127: 1  | Harrow H - -                   | 13809  | 12796   | 9       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 2   | Edgware H - -                  | 6994   | 3749  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 3   | Willesden - -                  | 4383   | 27453   | 29      | 23      | 9   | 1                                   | -           | -        | -              | -           | 5               | -      | -          | 1         | 1  | -  | - |  |                |                                   |                     |
| 4   | Hendon W - -                   | 8382   | 10484   | 13      | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 2  | - |  |                |                                   |                     |
| 128: 1  | South Mimms - -                | 15599  | 6391  | 7       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 2   | Barnet - -                     | 5433   | 10092   | 6       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 3   | Finchley HL -                  | 4688   | 17615   | 15      | 14      | 3   | 4                                   | -           | -        | -              | -           | 2               | -      | -          | -         | 1  | 10 | - |  |                |                                   |                     |
| 129: 1  | Hornsey H - -                  | 3039   | 37073   | 25      | 15      | 4   | 5                                   | -           | -        | 1              | -           | 3               | -      | -          | -         | 2  | -  | - |  |                |                                   |                     |
| 2   | Tottenham H -                  | 4642   | 46456   | 61      | 20      | 5   | 4                                   | -           | -        | -              | -           | -               | 1      | -          | 1         | 1  | 1  | - |  |                |                                   |                     |
| 3   | Edmonton Ww† -                 | 7483   | 23463   | 20      | 10      | 2   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | 1  | - |  |                |                                   |                     |
| 4   | Enfield WH -                   | 12653  | 19104   | 17      | 8       | 2   | 4                                   | -           | -        | -              | 1           | -               | 1      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 5   | Waltham Abbey -                | 11017  | 5363  | 5       | 6       | 1   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 6   | Cheshunt - -                   | 3480   | 7735  | 4       | 2       | 1   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 135: 1  | Hatfield (part of)* -          | 3306   | 583   | -       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 137: 1  | Bushy - -                      | 9331   | 6621  | 3       | 5       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 138: 1  | Stratford - -                  | 882  | 38606   | 26      | 9       | 2   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 2   | West Ham wwwwH† -              | 7351   | 101053  | 125     | 39      | 12  | 7                                   | -           | 1        | 2              | 1           | 3               | -      | 1          | 1         | 1  | -  | - |  |                |                                   |                     |
| 3   | Leyton WwL -                   | 4372   | 32430   | 35      | 21      | 4   | 6                                   | -           | -        | 1              | -           | 1               | -      | 1          | -         | -  | 5  | - |  |                |                                   |                     |
| 4   | Walthamstow H -                | 6590   | 28869   | 57      | 12      | 4   | 3                                   | -           | -        | -              | 1           | 3               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 137: 1  | Chigwell (part of)* H          | 11761  | 9639  | 8       | 7       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  | - |  |                |                                   |                     |
| 139: 1  | Romford (part of)* -           | 6730   | 3411  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 2   | Ilford - -                     | 3493   | 7645  | -       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |
| 3   | Barking Town - -               | 4127   | 9203  | 10      | 8       | 5   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  | - |  |                |                                   |                     |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1903); 41: 1, Bromley sub-district, except the parishes of Cadogan and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district.  
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 21st April, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |  |                                   |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|--|-----------------------------------|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  |  | Deaths in Public<br>Institutions. |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |  |                                   |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16. |  |  |                                   |  |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 18·4  | 2·2                                   | 1954                             | 461                                       | 503  | -           | 21       | 26                | 15          | 122                 | 17     | 27        | 58        | 403 |  |  |                                   |  |
| INNER LONDON              | 77,410   | 4,282,921                                      | 18·9  | 2·2                                   | 1552                             | 367                                       | 393  | -           | 18       | 21                | 10          | 92                  | 14     | 23        | 48        | 352 |  |  |                                   |  |
| OUTER RING                | 370,924  | 1,244,965                                      | 16·8  | 2·1                                   | 402                              | 94  | 110  | -           | 3        | 5                 | 5           | 30                  | 3      | 4         | 10        | 51  |  |  |                                   |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,202 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. | BIRTHS.                 | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                         |
|----------------------------------|---------------------------------------|-----------------|-------------------------|---------|------------------------------------|--|
|                                  |                                       | Week ending     | Exclusive of Stillborn. |         |                                    |  |
| CALCUTTA . .                     | 433,219                               | March 10        | -                       | 240     | 28·9                               | Fevers 82; cholera 35.                                 |
| BOMBAY . .                       | 773,196                               | " 27            | 321                     | 447     | 26·4                               | Fevers 136; diarrhoeal diseases 43; sm.-px. 36.        |
| MADRAS . .                       | 398,777                               | " 9             | 321                     | 314     | 41·1                               | Fevers 82; cholera 15; diarrhoeal diseases 54.         |
| PARIS . .                        | 2,260,945                             | April 14        | 1198                    | 1082    | 25·1                               | Typhoid fever 10; diph. & croup 39; small-pox 7.       |
| BRUSSELS . . (with 8 Faubourgs.) | 454,410                               | " 14            | 262                     | 204     | 23·0                               | Typhus & typhd. fev. 5; diarrhoeal diseases 20.        |
| AMSTERDAM .                      | 389,916                               | " 14            | 277                     | 179     | 23·8                               | Typhus and typhd. fev. 2; diphtheria 2.                |
| ROTTERDAM .                      | 193,658                               | " 14            | 129                     | 68      | 18·2                               | Whooping-cough 2.                                      |
| THE HAGUE .                      | 149,477                               | " 14            | 92                      | 55      | 19·1                               | Croup 2.   |
| COPENHAGEN .                     | 300,000                               | " 3             | 201                     | 155     | 27·0                               | Diph. & croup 5; scar. fev. 3; wh.-cough 7.            |
| STOCKHOLM .                      | 216,807                               | " 7             | 165                     | 85      | 19·9                               | Diphtheria and croup 6; scarlet fever 4.               |
| CHRISTIANIA .                    | 134,000                               | " 14            | 41                      | 63      | 23·9                               | Diphtheria and croup 10; scar. fev. 2; measles 3.      |
| ST. PETERSBURG                   | 928,016                               | " 7             | -                       | 743     | 41·8                               | Typ. & typhd. f. 23; scar. f. 18; diph. 17; sm.-px. 5. |
| BERLIN . .                       | 1,413,603                             | March 31        | 870                     | 591     | 21·7                               | Diphtheria and croup 18; diarrhoeal diseases 98.       |
| HAMBURG(State)                   | 529,091                               | April 7         | 379                     | 272     | 26·8                               | Diphtheria and croup 12; tp. & td. fv. 8; meas. 11.    |
| DRESDEN . .                      | 259,142                               | March 31        | 151                     | 145     | 29·1                               | Diphtheria and croup 7; scar. fev. 2.                  |
| BRESLAU . .                      | 308,105                               | April 7         | 240                     | 172     | 29·5                               | Diphtheria 5.  |
| MUNICH . .                       | 275,000                               | " 7             | 189                     | 165     | 31·2                               | Diphtheria and croup 8; scar. fev. 2; measles 4.       |
| VIENNA . .                       | 800,836                               | " 7             | 651                     | 461     | 21·9                               | Diphtheria 10; tpd. fev. 5; sm.-px. 4.                 |
| PRAGUE . .                       | 295,857                               | " 7             | -                       | 219     | 38·6                               | Small-pox 18; diph. 4; scarlet fever 3.                |
| BUDA-PESTH .                     | 442,787                               | " 7             | 353                     | 273     | 32·1                               | Diphtheria 4; meas. 6.                                 |
| TRIESTE . .                      | 156,042                               | " 7             | -                       | 100     | 33·3                               | Diphtheria and croup 2; typhoid fever 2.               |
| ROME . .                         | 382,973                               | March 10        | 247                     | 192     | 26·2                               | Diph. 5; scar. fev. 4; small-pox 3.                    |
| TURIN (10 days)                  | 294,828                               | " 20            | 247                     | 220     | 27·3                               | Diph. 4; scar. fev. 2; small-pox 2.                    |
| VENICE . .                       | 150,502                               | April 7         | 81                      | 61      | 21·2                               | Diphtheria and croup 2.                                |
| CAIRO . .                        | 374,838                               | March 29        | 380                     | 246     | 34·2                               | Typd. fev. 8; diarrhoeal diseases 72.                  |
| ALEXANDRIA .                     | 231,396                               | " 29            | 215                     | 131     | 29·5                               | Diarrhoeal diseases 28.                                |
| NEW YORK . .                     | 1,493,000                             | " 31            | -                       | 768     | 26·8                               | Diph. 47; scar. fever 26; small-pox 4.                 |
| BROOKLYN . .                     | 774,870                               | " 31            | -                       | 349     | 23·5                               | Diph. 19; scar. fev. 16; croup 7.                      |
| PHILADELPHIA .                   | 1,016,758                             | " 31            | -                       | 417     | 21·4                               | Diph. 5; scar. fever 3; typhd. fev. 6; wh.-ch. 7.      |
| BALTIMORE . .                    | 437,155                               | " 31            | -                       | 179     | 21·4                               | Diph. 2; scar. fever 2; measles 9.                     |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 21st APRIL, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |                     | TEMPERATURE.        |   |             |           |              |                   |                                       |                   |   |             | TEMPERATURE.                      |               |           |   |      |                     |             |                              |   |   | Wind as deduced from Anemometers. |          |      |      |      |  |  |  |  |  | Rain collected in a Glass, or in a Gauge receiving surface is 9 inches of the Air on each 10 Years. |  |
|----------------|---------------------|---------------------|---|-------------|-----------|--------------|-------------------|---------------------------------------|-------------------|---|-------------|-----------------------------------|---------------|-----------|---|------|---------------------|-------------|------------------------------|---|---|-----------------------------------|----------|------|------|------|--|--|--|--|--|---|--|
| MONTH AND DAY. | Phases of the Moon. | BAROMETER.          |   | Of the Air. |           |              |                   | Of the Dew Point.                     |                   | Difference between the Air and Dew Point. |             | Degree of Saturation (Scale 100). | Of Radiation. |           | Of the Water of the Thames at Deptford. |      | General Direction.  |             | Pressure on the Square Foot. |   | Robinson's.                             |                                   | Ozone.   |      |      |      |  |  |  |  |  |   |  |
|                |                     | Mean daily reading. | Rectified and reduced to 32° Fahr. (see below). | High. est.  | Low. est. | Daily Range. | Mean daily value. | De- parture from daily Average value. | Mean daily value. | Great. est.                               | Least. est. |                                   | High. est.    | Low. est. | A.M.                                    | P.M. | Great. est.         | Least. est. | Mean of 24 hours.            | Horizontal Movement of the Air on each Day. | Departure from Average of the 10 Years. |                                   |          |      |      |      |  |  |  |  |  |   |  |
| APRIL.         |                     |                     |   |             |           |              |                   |                                       |                   |   |             |                                   |               |           |   |      |                     |             |                              |   |   |                                   |          |      |      |      |  |  |  |  |  |   |  |
| SUN. . 15      | ..                  | 29.572              | in.   | 61.9        | 38.8      | 23.1         | 51.6              | + 4.1                                 | 45.9              | 5.7                                       | 14.2        | 81                                | 118.3         | 32.6      | 46.0                                    | 42.9 | ESE. E. & WSW. ENE. | WSW.        | 2.4                          | 0.0   | 0.0                                     | 183                               | - 97     | 0.11 | 0.0  |      |  |  |  |  |  |   |  |
| MON. . 16      | ..                  | 29.762              | ..  | 62.6        | 42.2      | 20.4         | 50.9              | + 3.3                                 | 41.9              | 9.0                                       | 16.1        | 71                                | 118.4         | 36.5      | 46.2                                    | 44.7 | WSW. & W.           | SW.         | 1.6                          | 0.0   | 0.1                                     | 306                               | + 15     | 0.00 | 1.5  |      |  |  |  |  |  |   |  |
| TUES. . 17     | Greatest Dec. N.    | 29.540              | ..  | 60.2        | 44.4      | 15.8         | 50.1              | + 2.3                                 | 46.2              | 3.9                                       | 14.1        | 0                                 | 86            | 112.0     | 42.6                                    | 43.5 | 45.9                | S. & S.W.   | SSW.                         | 6.2   | 0.0                                     | 0.8                               | 405      | +113 | 0.05 | 11.3 |  |  |  |  |  |   |  |
| WED. . 18      | ..                  | 29.480              | ..  | 59.7        | 42.8      | 16.9         | 48.0              | + 0.1                                 | 45.3              | 2.7                                       | 14.4        | 0                                 | 90            | 110.4     | 38.0                                    | 49.7 | 48.3                | SSW. & S.W. | SW. & SSW.                   | 8.4   | 0.0                                     | 0.9                               | 453      | +161 | 0.09 | 6.7  |  |  |  |  |  |   |  |
| THURS. . 19    | First Qr.           | 29.407              | ..  | 56.1        | 40.3      | 15.8         | 46.7              | - 1.3                                 | 43.5              | 3.2                                       | 9.3         | 0                                 | 89            | 115.0     | 35.1                                    | 49.9 | 48.7                | SSW.        | SW.                          | 5.0   | 0.0                                     | 0.1                               | 302      | + 9  | 0.08 | 4.5  |  |  |  |  |  |   |  |
| FRI. . 20      | ..                  | 29.401              | ..  | 54.9        | 41.9      | 13.0         | 45.5              | - 2.6                                 | 42.1              | 3.4                                       | 10.4        | 0                                 | 88            | 110.4     | 40.6                                    | 50.3 | 49.1                | WSW. & W.   | WSW. & S.W.                  | 0.7   | 0.0                                     | 0.0                               | 246      | - 47 | 0.32 | 0.2  |  |  |  |  |  |   |  |
| SAT. . 21      | ..                  | 29.545              | ..  | 57.6        | 38.3      | 19.3         | 46.6              | - 1.6                                 | 37.2              | 9.4                                       | 16.0        | 1                                 | 70            | 123.8     | 28.9                                    | 50.0 | 49.9                | SSW.        | Variable.                    | 0.4   | 0.0                                     | 0.0                               | 163      | -129 | 0.00 | 3.0  |  |  |  |  |  |   |  |
| MEANS .        | ..                  | 29.530              | ..  | 59.0        | 41.2      | 17.8         | 48.5              | + 0.6                                 | 43.2              | 5.3                                       | 13.5        | 0                                 | 82            | 115.5     | 36.3                                    | 48.7 | 47.1                | SW.         |                              | ..  | ..                                      | Sum 2068                          | Sum + 25 | 0.65 | 3.9  |      |  |  |  |  |  |   |  |
| No. of Col. .  | 3                   | 4                   |   | 5           | 6         | 7            | 8                 | 9                                     | 10                | 11  | 12          | 13                                | 14            | 15        | 16                                      | 17   | 18                  | 19          | 20                           | 21  | 22                                      | 23                                | 24       | 25   | 26   | 27   |  |  |  |  |  |   |  |

## GENERAL REMARKS.

The height of the eastern of the barometer is 150 feet above the mean level of the sea, no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 8 a.m., noon, 3 p.m., and 9 p.m. The means of the eye-readings of the barometer, the wet bulb thermometer, and the wet thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and of the twenty years ending 1888 for the thermometers. With the corrected of the mean readings of the dry bulb thermometers is combined the corrected mean of the readings of the maximum and minimum thermometers forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.75 in. at the beginning of the week to 29.57 in. by 8 p.m. on the 15th; increased to 29.77 in. by noon on the 20th, and decreased to 29.53 in.

| DATE.          | ELECTRICITY.  | REGISTERED Sunshine, in hours. | Sun above Horizon, in hours. | GENERAL REMARKS.  |
|----------------|---|--------------------------------|------------------------------|---|
| APRIL.         |   |                                |                              |   |
| SUNDAY . 15    | m. P. till 4h. P.M.; v. P. and v. N. afterwards.                      | 3.2                            | 13.8                         | Fine and partially cloudy till afternoon; overcast afterwards. Frequent rain at night.                          |
| MONDAY . 16    | m. P. in morning; v. P. afterwards.                                   | 11.6                           | 13.9                         | A very fine day. Small amounts of light cloud generally prevailed.  |
| TUESDAY . 17   | w. P. generally; w. N. occasionally.                                  | 6.0                            | 13.9                         | Overcast and showery in morning; fine with variable amounts of cloud afterwards.                                |
| WEDNESDAY . 18 | w. P. till 9h. A.M.; v. P. and v. N. till 7h. P.M.; m. P. afterwards. | 4.1                            | 14.0                         | Variable; showery. Thunder in afternoon.  |
| THURSDAY . 19  | s. N. till 10h. A.M.; m. P. till 4h. P.M.; m. P. afterwards.          | 4.1                            | 14.1                         | Generally cloudy; showery. Lightning and thunder in afternoon.  |
| FRIDAY . 20    | v. N. and v. P.   | 1.3                            | 14.1                         | Cloudy. Rain fell heavily in morning, and occasional showers fell during the day.                               |
| SATURDAY . 21  | w. N. and v. P. till 2h. A.M.; w. P. till 4h. P.M.; v. P. afterwards. | 5.4                            | 14.2                         | Occasional light showers in early morning; fine and partially cloudy throughout day. Slightly foggy in evening. |
| MEANS .        |   | Sum 35.7                       | Sum 98.0                     |   |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS:

By Authority of the Registrar General.

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No. 17, 1888. VOL. XLIX.]      WEEK ENDING SATURDAY, APRIL 28.      [Price 1½d.

General Register Office, Somerset House,  
30th April, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·9 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.             | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|--------------------|--------------|-------------|-------------|-------------|
|              | Apr.<br>7.   | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. |                    | Apr.<br>7.   | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. |
| Birkenhead   | 18·8         | 18·2        | 19·8        | 20·9        | Liverpool -        | 19·3         | 22·9        | 19·7        | 21·3        |
| Birmingham   | 18·5         | 20·5        | 21·3        | 17·1        | London -           | 19·4         | 20·6        | 18·9        | 17·5        |
| Blackburn -  | 28·1         | 28·1        | 25·4        | 25·9        | Manchester -       | 29·7         | 34·9        | 23·9        | 24·8        |
| Bolton -     | 22·1         | 25·3        | 19·8        | 14·7        | Newcastle-on-Tyne* | 18·1         | 23·0        | 21·3        | 16·1        |
| Bradford* -  | 18·4         | 19·5        | 17·9        | 19·5        | Norwich -          | 18·9         | 18·4        | 16·7        | 19·5        |
| Brighton -   | 14·8         | 21·3        | 15·7        | 16·1        | Nottingham*        | 15·1         | 24·9        | 18·8        | 18·3        |
| Bristol -    | 21·9         | 22·3        | 21·2        | 17·3        | Oldham -           | 19·6         | 24·2        | 29·1        | 22·7        |
| Cardiff* -   | 22·6         | 21·1        | 18·7        | 22·6        | Plymouth -         | 23·5         | 26·2        | 29·6        | 18·8        |
| Derby -      | 13·6         | 23·8        | 15·7        | 17·3        | Portsmouth -       | 19·1         | 16·8        | 20·9        | 18·7        |
| Halifax -    | 15·0         | 21·5        | 24·7        | 20·2        | Preston -          | 22·7         | 26·8        | 23·2        | 22·2        |
| Huddersfield | 18·3         | 17·7        | 21·7        | 20·0        | Salford*           | 23·7         | 24·9        | 20·5        | 21·0        |
| Hull -       | 15·5         | 18·8        | 17·0        | 14·7        | Sheffield -        | 23·4         | 23·5        | 21·1        | 21·6        |
| Leeds -      | 21·2         | 21·4        | 22·4        | 20·7        | Sunderland -       | 15·0         | 17·8        | 16·2        | 18·2        |
| Leicester* - | 19·9         | 19·2        | 17·8        | 23·5        | Wolverhampton -    | 17·2         | 30·0        | 21·1        | 24·3        |

The highest annual death-rates from *measles* were 0·7 in Leicester and in Bradford and 1·4 in Bristol; from *scarlet fever*, 1·1 in Oldham, 1·3 in Blackburn, and 2·4 in Cardiff; from *whooping-cough*, 1·3 in Wolverhampton and in Halifax, 1·5 in Manchester, and 1·8 in Salford; and from "*fever*," 1·1 in Leicester. The 35 deaths from *diphtheria* in the twenty-eight towns included 22 in London, 3 in Oldham, 2 in Huddersfield, 2 in Sheffield, and 2 in Newcastle-upon-Tyne. *Small-pox* caused 5 deaths in Sheffield, one in London, and one in Bristol, but not one in any of the twenty-five other large provincial towns.

### LONDON.

In LONDON† 2577 BIRTHS and 1437 DEATHS were registered. Allowing for increase of population, the births were 266, and the deaths 274, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 20·6 and 18·9 in the two preceding weeks, further declined last week to 17·5, and was lower than in any previous week of this year. During the first four weeks of the current quarter the death-rate averaged 19·1 per 1000, and was 2·9 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1437 deaths included 1 from small-pox, 16 from measles, 15 from scarlet fever, 22 from diphtheria, 80 from whooping-cough, 7 from enteric fever, 17 from

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



diarrhoea and dysentery, and not one from typhus, ill-defined forms of continued fever, or cholera; thus, 158 deaths were referred to these diseases, being 95 below the corrected average weekly number.

One death from *small-pox* was registered, the corrected average being 24; this death was of an Italian asphalte pavior, aged 44 years, which occurred in the Metropolitan Asylum Hospital Ship (off Dartford), to which the patient had been removed from St. Bartholomew's Hospital. There were 21 small-pox patients under treatment in the Metropolitan Asylum Hospitals at the end of last week, against 8, 15, and 21 on the three preceding Saturdays; and 3 in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 12 and 18 in the two previous weeks, declined again to 16 last week, and were 52 below the corrected average; 4 belonged to Hackney sanitary area. The 15 deaths from *scarlet fever* showed a decline of 6 from the number in the previous week, and were 9 below the corrected average; 2 belonged to Bethnal Green, 2 to Newington, and 2 to Battersea sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 967 scarlet fever patients (there were also 80 in the London Fever Hospital), against numbers declining in the twenty-one preceding weeks from 2600 to 961; 79 cases were admitted to the Metropolitan Asylum Hospitals during the week, against 92 and 91 in the two preceding weeks. The 22 deaths from *diphtheria*, on the other hand, showed an increase of 12 upon the low number in the previous week, and exceeded the corrected average by 5; 2 belonged to Islington, 3 to Hackney, 4 to Poplar, and 2 to Greenwich sanitary areas. The fatal cases of *whooping-cough*, which had been 108 and 92 in the two preceding weeks, further declined last week to 80, and were 11 below the corrected average; 5 belonged to Chelsea, 8 to Battersea, 6 to Wandsworth, and 9 to Camberwell sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had increased in the five preceding weeks from 6 to 23, declined last week to 17, but were 3 above the corrected average; 9 were of infants aged under one year.

The deaths referred to *enteric fever*, which had been 20, 9, and 13 in the three preceding weeks, declined last week to 7, and were 4 below the corrected average; 4 belonged to the South group of sanitary areas. The Metropolitan Asylum Hospitals contained 110 cases of enteric fever, and not one of typhus, on Saturday last; 21 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 444 and 363 in the two preceding weeks, further declined last week to 343, and were 41 below the corrected average.

Different forms of violence caused 56 deaths; 43 were the result of negligence or accident, among which were 19 from fractures and contusions, 4 from burns and scalds, 7 from drowning, 2 from poison, and 8 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—4 by accidents from vehicles in the street; 1 by accident on railway; 1 by fall from ladder; 1 by fall while playing football; 1 by fall down stairs; 1 by fall in room; 1 by being knocked down by boys in street; 1 by blow from wood while working a circular saw; 5 by falls, the nature of which was not stated; and 3 by fracture the cause of which was not stated. An inquest was held in each of these cases except in two of the last three. Nine cases of suicide were registered, being 2 below the corrected average.

#### GREATER LONDON.

In Greater London 3382 births and 1782 deaths were registered, corresponding to annual rates of 31·9 and 16·8 per 1000 of the population. In the Outer Ring 28 deaths from whooping-cough, and 9 from diphtheria were registered. The fatal cases of whooping-cough included 13 in the district of West Ham; and of the deaths from diphtheria, 3 occurred in Walthamstow, 2 in Croydon, and 2 in West Ham sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·77 in.; the lowest reading was 29·50 in. at noon on Sunday, and the highest was 30·07 in. on Thursday evening. The mean temperature of the *air* was 43°·7, and 4°·7 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on each day of the week until Saturday when it showed an excess. The general direction of the *wind* was N.E., and the horizontal movement of the air averaged 16·9 miles per hour, which was 5·3 miles above the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·67 inch. The duration of registered bright sunshine in the week was 8·0 hours, against 16·4 hours at Glynde Place, Lewes.





TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the SEVENTEENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2640 | 2639 | 2559 | 2829 | 2490 | 2514 | 2807 | 2561 | 2515 | 2516 | 2842·8   | 2577 |
| Males . .           | 1320 | 1358 | 1303 | 1430 | 1294 | 1217 | 1402 | 1326 | 1253 | 1307 | 1440·5   | 1297 |
| Females .           | 1320 | 1281 | 1256 | 1399 | 1196 | 1297 | 1405 | 1235 | 1262 | 1209 | 1402·3   | 1280 |
| <b>TOTAL Deaths</b> | 1661 | 1771 | 1387 | 1550 | 1520 | 1635 | 1660 | 1549 | 1472 | 1481 | 1710·5   | 1437 |
| Males . .           | 877  | 934  | 727  | 786  | 784  | 840  | 881  | 793  | 762  | 748  | 886·8  | 750  |
| Females .           | 784  | 837  | 660  | 764  | 736  | 795  | 779  | 756  | 710  | 733  | 823·7  | 687  |

\* The numbers in this column are the average weekly numbers in the seventeenth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Feb.<br>4. | Feb.<br>11. | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. |
|--|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|
| <b>TOTAL Births</b>                      | 2688       | 2830        | 2569        | 2473        | 2778       | 2583        | 2629        | 2522        | 2492        | 2588       | 2331        | 2579        | 2577        |
| <b>TOTAL Deaths</b>                      | 1894       | 1838        | 1639        | 1772        | 1794       | 1886        | 1604        | 1655        | 1663        | 1593       | 1692        | 1552        | 1437        |
| 0—20                                     | 907        | 807         | 763         | 772         | 795        | 811         | 698         | 715         | 747         | 716        | 800         | 632         | 628         |
| 20—40                                    | 210        | 205         | 178         | 199         | 215        | 223         | 201         | 197         | 183         | 189        | 215         | 212         | 177         |
| 40—60                                    | 319        | 293         | 300         | 331         | 313        | 300         | 275         | 285         | 340         | 270        | 278         | 265         | 277         |
| 60—80                                    | 368        | 440         | 353         | 388         | 391        | 465         | 353         | 384         | 329         | 320        | 335         | 310         | 302         |
| at 80 years & upwds.                     | 90         | 93          | 95          | 82          | 80         | 87          | 77          | 74          | 69          | 98         | 64          | 83          | 53          |
| Deaths of children { Under 1 year        | 413        | 394         | 360         | 351         | 371        | 424         | 332         | 361         | 366         | 346        | 395         | 367         | 329         |
| { 1—5                                    | 366        | 310         | 304         | 320         | 302        | 281         | 274         | 254         | 273         | 263        | 302         | 230         | 209         |
| { 5—20                                   | 128        | 103         | 99          | 101         | 123        | 106         | 92          | 100         | 103         | 107        | 103         | 85          | 90          |
| Deaths from Small-pox                    | —          | —           | 1           | —           | —          | 2           | —           | —           | —           | —          | —           | —           | 1           |
| " " Measles                              | 18         | 15          | 14          | 18          | 15         | 21          | 22          | 18          | 17          | 16         | 12          | 18          | 16          |
| " " Scarlet fever                        | 39         | 36          | 30          | 32          | 27         | 29          | 25          | 24          | 40          | 20         | 17          | 21          | 15          |
| " " Diphtheria                           | 29         | 40          | 18          | 30          | 24         | 24          | 22          | 17          | 15          | 16         | 19          | 10          | 22          |
| " " Whooping-cough                       | 177        | 153         | 122         | 127         | 94         | 101         | 92          | 80          | 93          | 89         | 108         | 92          | 80          |
| " " Typhus                               | —          | —           | —           | —           | —          | —           | 1           | 1           | 1           | —          | —           | —           | —           |
| " " Enteric fever                        | 26         | 12          | 18          | 16          | 15         | 20          | 10          | 10          | 13          | 20         | 9           | 13          | 7           |
| " " Simple Cont <sup>a</sup> fever       | 3          | 1           | —           | —           | —          | —           | 1           | —           | —           | 1          | —           | 1           | —           |
| " " Diarrhoea and }<br>Dysentery - }     | 15         | 12          | 8           | 8           | 10         | 17          | 10          | 6           | 16          | 17         | 19          | 23          | 17          |
| " " Cholera                              | —          | —           | —           | 1           | —          | —           | —           | —           | —           | 1          | —           | —           | —           |
| Deaths from the above-mentioned Diseases | 307        | 269         | 211         | 232         | 185        | 214         | 183         | 156         | 193         | 180        | 184         | 178         | 158         |
| " " Dis. of Respiratory System           | 516        | 504         | 437         | 478         | 488        | 490         | 459         | 457         | 460         | 419        | 444         | 363         | 343         |
| " " Phthisis                             | 159        | 149         | 131         | 170         | 165        | 159         | 140         | 144         | 155         | 152        | 150         | 137         | 146         |
| " " Dis. of Circulatory System           | 154        | 163         | 127         | 134         | 137        | 161         | 137         | 133         | 130         | 123        | 134         | 129         | 87          |
| Violent Deaths                           | 55         | 58          | 39          | 62          | 63         | 51          | 58          | 64          | 75          | 56         | 52          | 43          | 56          |
| Inquest Cases                            | 131        | 119         | 88          | 107         | 149        | 123         | 116         | 120         | 129         | 129        | 121         | 109         | 110         |
| Deaths in Public Institutions            | 388        | 408         | 358         | 405         | 379        | 424         | 355         | 365         | 376         | 347        | 347         | 352         | 352         |
| TEMPERATURE OF THE AIR                   |            |             |             |             |            |             |             |             |             |            |             |             |             |
| Mean                                     | 33·7       | 43·6        | 34·1        | 29·8        | 31·5       | 42·6        | 37·2        | 34·7        | 40·0        | 37·1       | 42·2        | 48·5        | 48·7        |
| Mean of Highest readings                 | 38·8       | 48·4        | 38·1        | 33·9        | 35·9       | 48·8        | 43·2        | 40·6        | 47·5        | 47·0       | 50·3        | 59·0        | 51·4        |
| Mean of Lowest readings                  | 27·6       | 38·9        | 31·1        | 25·9        | 27·5       | 36·9        | 32·7        | 30·4        | 34·3        | 29·3       | 35·3        | 41·2        | 37·8        |
| Humidity of the Air                      | 78         | 83          | 82          | 76          | 76         | 79          | 81          | 80          | 87          | 78         | 78          | 82          | 86          |
| Rain-fall in inches                      | 0·17       | 0·26        | 0·38        | 0·21        | 0·02       | 0·30        | 0·95        | 0·66        | 0·87        | 0·08       | 0·11        | 0·65        | 0·67        |
| Registered Sunshine (in hours)           | 11·1       | 1·8         | 5·6         | 6·0         | 10·4       | 6·5         | 10·8        | 11·3        | 11·2        | 29·0       | 21·5        | 35·7        | 8·0         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the SEVENTEENTH Week of the Year 1888.

| CAUSES OF DEATH.   | Corrected Averages for the 17th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 28th April 1888. |           |      |       |                  |                  |                  |                       |  |  | Corrected Averages for the 17th Weeks of the 10 years 1878-87.* | CAUSES OF DEATH. | Corrected Averages for the 17th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 28th April 1888 |           |      |       |                  |                  |                  |                       |  |  |
|--|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|--|---|------------------|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|--|
|  |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |                       |  |  |   |                  |   | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |                       |  |  |
|  |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |  |   |                  |   | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |  |
|  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |  |   |                  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |  |
| ALL CAUSES - -   | 1710.5  | 1437  | 329       | 209  | 90    | 177              | 277              | 302              | 53                    |  | Diseases of Organs of Special Sense † - -                          | 2.6   | 2                | 1   | 1  | -         | -    | -     | -                | -                |                  |                       |  |  |
| Small-pox { Vaccinated † - -<br>Unvaccinated - -<br>No Statement - - | 24.2  | 1   | -         | -    | -     | -                | 1                | -                | -                     |  | Diseases of Circulatory System - -                                 | 103.3   | 87               | 2   | -  | 3         | 10   | 31    | 38               | 3                |                  |                       |  |  |
| Measles - - - -  | 68.0  | 16  | 3         | 11   | 2     | -                | -                | -                | -                     |  | Croup - - - -  | 12.1  | 6                | -   | 4  | 2         | -    | -     | -                | -                |                  |                       |  |  |
| Scarlet Fever - -  | 24.2  | 15  | 1         | 8    | 5     | 1                | -                | -                | -                     |  | Bronchitis - - -   | 219.5   | 220              | 61  | 36   | -         | 3    | 26    | 83               | 12               |                  |                       |  |  |
| Typhus - - - -   | 1.3   | -   | -         | -    | -     | -                | -                | -                | -                     |  | Pneumonia - - -  | 109.7   | 83               | 13  | 3  | 17        | 22   | 30    | 1                | -                |                  |                       |  |  |
| Relapsing Fever † -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |  | Pleurisy - - - -   | 6.5   | 5                | -   | -  | 1         | 2    | 1     | -                | 1                |                  |                       |  |  |
| Influenza - - - -  | 0.3   | -   | -         | -    | -     | -                | -                | -                | -                     |  | <b>Other Diseases of Respiratory System - -</b>                    | 36.0  | 24               | 3   | 5  | 1         | 1    | 9     | 5                | -                |                  |                       |  |  |
| Whooping-cough -   | 90.6  | 8   | 30        | 43   | 2     | -                | -                | -                | -                     |  | Dentition † - - -  | 20.4  | 13               | 8   | 10   | -         | -    | -     | -                | -                |                  |                       |  |  |
| Diphtheria - - - -   | 16.5  | 22  | 1         | 12   | 8     | -                | 1                | -                | -                     |  | Quinsy, Sore Throat †  | 1.9   | 1                | 1   | -  | -         | -    | -     | -                | -                |                  |                       |  |  |
| Simple Continued and Ill-defined Fever -                             | 2.0   | -   | -         | -    | -     | -                | -                | -                | -                     |  | Enteritis - - - -  | 7.9   | 6                | 1   | -  | -         | 1    | 2     | 2                | -                |                  |                       |  |  |
| Enteric Fever - -  | 11.1  | 7   | -         | 1    | 1     | 2                | 2                | 1                | -                     |  | Peritonitis - - -  | 6.3   | 9                | -   | 5  | 1         | 3    | -     | -                | -                |                  |                       |  |  |
| Cholera - - - -  | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     |  | <b>Diseases of Liver - -</b>                                       | 30.2  | 26               | -   | 1  | -         | 4    | 16    | 5                | -                |                  |                       |  |  |
| Diarrhoea, Dysentery   | 14.4  | 17  | 9         | 3    | -     | 1                | 1                | 2                | 1                     |  | <b>Other Diseases of Digestive System - -</b>                      | 39.6  | 18               | 5   | 1  | 1         | 2    | 2     | 5                | 2                |                  |                       |  |  |
| Remittent Fever -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |  | <b>Diseases of Lymphatic System &amp; of Ductless Glands † - -</b> | 2.5   | 4                | -   | -  | 2         | -    | 2     | -                | -                |                  |                       |  |  |
| Hydrophobia - -  | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     |  | <b>Diseases of Urinary System - -</b>                              | 39.7  | 45               | -   | 1  | 2         | 10   | 16    | 15               | 1                |                  |                       |  |  |
| Glanders - - - -   | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     |  | <b>Diseases of Generative System - -</b>                           | 6.3   | 8                | -   | -  | -         | 3    | 4     | -                | 1                |                  |                       |  |  |
| Cowpox and Effects of Vaccination † - -                              | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     |  | Accidents of Childbirth -  | 5.2   | 4                | -   | -  | -         | 3    | 1     | -                | -                |                  |                       |  |  |
| Veneral Affections -   | 8.6   | 6   | 3         | -    | -     | 3                | 1                | -                | -                     |  | <b>Diseases of Locomotive System † - -</b>                         | 7.4   | 4                | 1   | 1  | 1         | -    | -     | 1                | -                |                  |                       |  |  |
| Erysipelas - - -   | 5.9   | 7   | 4         | -    | -     | -                | -                | 3                | -                     |  | <b>Diseases of Integumentary System - -</b>                        | 6.0   | 12               | 4   | -  | -         | 1    | 2     | 4                | 1                |                  |                       |  |  |
| Pyæmia and Septicæmia †  | 3.3   | 4   | 1         | -    | 1     | -                | 1                | 1                | -                     |  | <b>VIOLENT DEATHS. ‡</b>   |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |
| Puerperal Fever - -  | 5.8   | 6   | -         | -    | 1     | 3                | 2                | -                | -                     |  | ACCIDENT.)   |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |
| Other Zymotic Diseases †   | 2.1   | -   | -         | -    | -     | -                | -                | -                | -                     |  | Fracture and Contusion   | 22.9  | 19               | -   | 1  | 2         | 2    | 7     | 6                | 1                |                  |                       |  |  |
| Thrush - - - -   | 2.0   | 1   | 1         | -    | -     | -                | -                | -                | -                     |  | Gunshot Wound - -  | 0.1   | 1                | -   | -  | -         | 1    | -     | -                | -                |                  |                       |  |  |
| Worms and other Parasitical Diseases - -                             | 0.9   | -   | -         | -    | -     | -                | -                | -                | -                     |  | Cut, Stab - - - -  | 0.8   | 1                | -   | -  | -         | -    | -     | -                | -                |                  |                       |  |  |
| Starvation, Want of Breast-milk † - -                                | 1.6   | 4   | 3         | -    | -     | -                | -                | 1                | -                     |  | Burn and Scald - -   | 5.5   | 4                | -   | 2  | 1         | -    | -     | 1                | -                |                  |                       |  |  |
| Alcoholism - - -   | 3.4   | 7   | -         | -    | -     | 2                | 4                | 1                | -                     |  | Poison - - - -   | 0.9   | 2                | -   | 1  | -         | -    | -     | 1                | -                |                  |                       |  |  |
| Rheumatic Fever, Rheumatism of Heart †                               | 8.1   | 6   | -         | -    | 3     | 2                | 1                | -                | -                     |  | Drowning - - - -   | 5.9   | 7                | -   | -  | 2         | 2    | 3     | -                | -                |                  |                       |  |  |
| Rheumatism † - -   | 3.2   | 1   | -         | -    | -     | -                | -                | 1                | -                     |  | Suffocation - - -  | 14.8  | 8                | 8   | -  | -         | -    | -     | -                | -                |                  |                       |  |  |
| Gout - - - -   | 3.9   | 2   | -         | -    | -     | -                | -                | -                | 2                     |  | Otherwise - - - -  | 2.4   | 2                | -   | -  | 1         | -    | 1     | -                | -                |                  |                       |  |  |
| Rickets † - - -  | 4.1   | 5   | 1         | 4    | -     | -                | -                | -                | -                     |  | (HOMICIDE.)  |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |
| Cancer - - - -   | 53.2  | 44  | -         | -    | -     | 6                | 22               | 13               | 3                     |  | Murder & Manslaughter  | 2.0   | 4                | 4   | -  | -         | -    | -     | -                | -                |                  |                       |  |  |
| Tabes Mesenterica -  | 26.4  | 17  | 6         | 8    | 3     | -                | -                | -                | -                     |  | (SUICIDE.)   |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |
| Tubercular Meningitis  | 32.3  | 21  | 10        | 1    | 9     | 1                | -                | -                | -                     |  | Gunshot Wound - -  | 0.7   | 2                | -   | -  | -         | 1    | 1     | -                | -                |                  |                       |  |  |
| Phthisis - - - -   | 185.3   | 146   | -         | 5    | 13    | 72               | 49               | 7                | -                     |  | Cut, Stab - - - -  | 2.4   | 1                | -   | -  | -         | 1    | -     | -                | -                |                  |                       |  |  |
| Scrophula, Tuberculosis  | 15.8  | 15  | 7         | 5    | 1     | 1                | 1                | -                | -                     |  | Poison - - - -   | 2.8   | 1                | -   | -  | -         | 1    | -     | -                | -                |                  |                       |  |  |
| Other Constitutional Diseases † - -                                  | 10.2  | 14  | 1         | -    | 1     | 2                | 3                | 2                | -                     |  | Drowning - - - -   | 1.5   | 2                | -   | -  | -         | 1    | -     | 1                | -                |                  |                       |  |  |
| Premature Birth - -  | 39.6  | 40  | 40        | -    | -     | -                | -                | -                | -                     |  | Hanging - - - -  | 2.7   | 8                | -   | -  | -         | 1    | 1     | 1                | -                |                  |                       |  |  |
| Atelectasis † - -  | 2.5   | 3   | 3         | -    | -     | -                | -                | -                | -                     |  | Otherwise - - - -  | 0.9   | -                | -   | -  | -         | -    | -     | -                | -                |                  |                       |  |  |
| Congenital Malformations - -   | 6.8   | 7   | 7         | -    | -     | -                | -                | -                | -                     |  | (EXECUTION.)   |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |
| Old Age - - - -  | 56.9  | 49  | -         | -    | -     | -                | 1                | 26               | 22                    |  | Hanging - - - -  | 0.0   | -                | -   | -  | -         | -    | -     | -                | -                |                  |                       |  |  |
| Apoplexy - - - -   | 45.9  | 47  | -         | 1    | -     | 4                | 10               | 29               | 3                     |  | <b>OTHER CAUSES † - -</b>  | 57.3  | 41               | 32  | 4  | -         | 1    | 2     | 2                | -                |                  |                       |  |  |
| Epilepsy - - - -   | 7.0   | 2   | -         | -    | -     | 1                | -                | 1                | -                     |  |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |
| Convulsions - - -  | 51.0  | 47  | 41        | 6    | -     | -                | -                | -                | -                     |  |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |
| Other Diseases of Brain and Nervous System                           | 95.2  | 94  | 16        | 14   | 13    | 3                | 19               | 23               | 1                     |  |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).  
 \* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.  
 † As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.  
 ‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."  
 § The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |           | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total Births during the<br>Week. | Total Deaths during the<br>Week. | The DEATHS registered in the Week include    |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |   |
|---|-----------|---|----------------------------------|----------------------------------|--|------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---|
|   |           |   |                                  |                                  | Deaths of<br>Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |   |
|   |           |   |                                  |                                  |  |                                    | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Euteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unclassified Causes<br>(Deaths from<br>Public<br>Institutions). |
| LONDON . . . . .  | 3,815,704 | 2577  | 1437                             | 329                              | 355  | 1                                  | 16          | 15       | 22             | 80          | -               | 7       | -                              | 17                           | 56         | 110       | 352            | 1                                 |   |
| WEST DISTRICTS . . . . .  | 669,688   | 371   | 274                              | 58                               | 60   | -                                  | 2           | 3        | 1              | 17          | -               | -       | -                              | 6                            | 12         | 25        | 67             | 3                                 |   |
| NORTH DISTRICTS . . . . .   | 605,947   | 185   | 304                              | 69                               | 83   | -                                  | 7           | 2        | 7              | 11          | -               | 2       | -                              | 2                            | 9          | 19        | 74             | -                                 |   |
| CENTRAL DISTRICTS . . . . .   | 282,238   | 166   | 104                              | 24                               | 23   | -                                  | 1           | -        | 2              | 4           | -               | -       | -                              | -                            | 7          | 9         | 30             | 2                                 |   |
| EAST DISTRICTS . . . . .  | 692,738   | 506   | 262                              | 10                               | 75   | -                                  | 3           | 3        | 6              | 9           | -               | 1       | -                              | 2                            | 7          | 20        | 83             | 3                                 |   |
| SOUTH DISTRICTS . . . . .   | 1,365,148 | 949   | 492                              | 121                              | 105  | -                                  | 3           | 7        | 6              | 39          | -               | 4       | -                              | 7                            | 21         | 87        | 92             | 4                                 |   |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -         | -   | 1                                | -                                | -  | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |   |
| WEST DISTRICTS.   |           |   |                                  |                                  |  |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |   |
| St. Mary Paddington WHH G.J. & W.M.   | 66888     | 39  | 39                               | 6                                | 10   | -                                  | -           | -        | 1              | 4           | -               | -       | -                              | 1                            | 2          | 3         | 7              | -                                 |   |
| St. John Paddington H - - G.J.  | 37330     | 10  | 16                               | -                                | 4  | -                                  | -           | -        | -              | -           | -               | -       | -                              | 3                            | 4          | 11        | -              | -                                 |   |
| Kensington Town WH - - W.M.   | 120141    | 72  | 41                               | 8                                | 8  | -                                  | 2           | 1        | -              | 2           | -               | -       | -                              | 1                            | -          | 1         | 9              | -                                 |   |
| Brompton HH - - W.M. & C.   | 43010     | 8   | 9                                | 2                                | 3  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | -              | -                                 |   |
| St. Peter Hammersmith - - W.M.  | 7599      | 3   | 3                                | 2                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -              | -                                 |   |
| St. Paul Hammersmith H W.M. & G.J.  | 64340     | 49  | 83                               | 8                                | 9  | -                                  | -           | 1        | -              | 3           | -               | -       | -                              | 1                            | 1          | 2         | 1              | -                                 |   |
| Fulham WH - - W.M. & C.   | 42900     | 57  | 24                               | 7                                | 8  | -                                  | -           | 1        | -              | 3           | -               | -       | -                              | -                            | 3          | 3         | 3              | -                                 |   |
| Chelsea South HHH - - C.  | 30396     | 12  | 11                               | 5                                | 1  | -                                  | -           | -        | -              | 2           | -               | -       | -                              | 1                            | -          | 1         | -              | -                                 |   |
| Chelsea North-west WHHHH- C.  | 24925     | 11  | 14                               | 3                                | 6  | -                                  | -           | -        | -              | 1           | -               | -       | -                              | 1                            | -          | 2         | 6              | -                                 |   |
| Chelsea North-east - - C.   | 32897     | 26  | 13                               | 7                                | 2  | -                                  | -           | -        | -              | 2           | -               | -       | -                              | -                            | 2          | -         | -              | -                                 |   |
| May Fair WW - - G.J.  | 30353     | 13  | 16                               | 1                                | 6  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 11             | -                                 |   |
| Belgrave WHHH - - C.  | 52220     | 29  | 28                               | 2                                | 5  | -                                  | -           | -        | -              | -           | -               | -       | -                              | 2                            | 2          | 2         | 10             | 1                                 |   |
| St. John Westminster HHH - C.   | 35498     | 12  | 8                                | 3                                | 2  | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | 1          | 1         | 5              | -                                 |   |
| St. Margaret Westminster H - C.   | 24679     | 10  | 11                               | -                                | 3  | -                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | 2          | 2         | -              | -                                 |   |
| St. James Westminster WHH N.R. & G.J.                                       | 29041     | 12  | 4                                | 2                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | 1                            | -          | -         | 1              | -                                 |   |
| St. Anne Soho HHHHHHH - N.R.  | 16603     | 8   | 4                                | 1                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | -              | -                                 |   |
| NORTH DISTRICTS.  |           |   |                                  |                                  |  |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |   |
| Alf Soule Marylebone HHHH - W.M.  | 26759     | 10  | 9                                | 2                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 4              | -                                 |   |
| Cavendish Square HHHH - - W.M.  | 14381     | 6   | 2                                | -                                | 2  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| Rectory Marylebone WH G.J. & W.M.   | 24309     | 13  | 12                               | 2                                | 7  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 4              | -                                 |   |
| St. Mary Marylebone. HHH G.J. & W.M.  | 21118     | 23  | 10                               | 4                                | 2  | -                                  | 1           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | -                                 |   |
| Christchurch Marylebone H - W.M.  | 38700     | 24  | 7                                | 3                                | 1  | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| St. John Marylebone H - - W.M.  | 53638     | 17  | 4                                | 1                                | 2  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| Hampstead WHHHH N.R. & W.M.   | 45452     | 26  | 17                               | 4                                | 3  | -                                  | -           | 1        | 1              | 2           | -               | -       | -                              | -                            | -          | -         | 3              | -                                 |   |
| Regent's Park Paneras H - - W.M.  | 39115     | 14  | 10                               | 2                                | 3  | -                                  | -           | -        | -              | -           | -               | -       | -                              | 1                            | 3          | -         | -              | -                                 |   |
| Tottenham-court WHHHH N.R. & W.M.   | 27723     | 14  | 18                               | 3                                | 3  | -                                  | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | -         | 12             | -                                 |   |
| Gray's Inn Lane HHH - - N.R.  | 30247     | 14  | 10                               | 2                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | -                                 |   |
| Somers Town H - - N.R.  | 24389     | 22  | 10                               | 1                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | 1                            | -          | -         | 1              | -                                 |   |
| Camden Town WH - - N.R.   | 17311     | 9   | 13                               | 3                                | 8  | -                                  | 1           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 15        | -              | -                                 |   |
| Kentish Town W - - N.R.   | 87437     | 57  | 25                               | 8                                | 6  | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | 1          | 2         | 2              | -                                 |   |
| Upper Holloway WWH - - N.R.   | 67946     | 53  | 33                               | 8                                | 14   | -                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 13             | -                                 |   |
| Islington South-west HH - - N.R.  | 10976     | 63  | 23                               | 6                                | 7  | -                                  | -           | 1        | 1              | 1           | -               | -       | -                              | -                            | 1          | 1         | -              | -                                 |   |
| Islington South-east - - N.R.   | 61825     | 42  | 13                               | -                                | 4  | -                                  | -           | 1        | 1              | 1           | -               | -       | -                              | -                            | 1          | 1         | -              | -                                 |   |
| Highbury H - - N.R.   | 52043     | 27  | 12                               | 2                                | 5  | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |   |
| Stoke Newington H - - N.R.  | 22731     | 14  | 7                                | 3                                | 2  | -                                  | -           | -        | 1              | 1           | -               | -       | -                              | -                            | 1          | 1         | -              | -                                 |   |
| Stamford Hill - - E.L.  | 3277      | 7   | 2                                | -                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| West Hackney - - N.R.   | 87610     | 34  | 14                               | 2                                | 7  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |   |
| Hackney Wick WH - - E.L. & N.R.   | 76911     | 51  | 40                               | 10                               | 6  | -                                  | 3           | 1        | 1              | 1           | -               | 1       | -                              | 1                            | 3          | 5         | 9              | -                                 |   |
| South Hackney - - E.L.  | 39383     | 40  | 9                                | 4                                | -  | -                                  | 1           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| CENTRAL DISTRICTS.  |           |   |                                  |                                  |  |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |   |
| St. George Bloomsbury - - N.R.  | 16331     | 2   | 4                                | 1                                | 1  | -                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | -              | -                                 |   |
| St. Giles South WE - - N.R.   | 14894     | 14  | 8                                | 4                                | 2  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4              | -                                 |   |
| St. Giles North - - N.R.  | 13837     | 5   | 3                                | -                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508     | 10  | 6                                | -                                | 2  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| St. Mary-le-Strand H - - N.R.   | 7315      | 5   | 1                                | 1                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 2              | -                                 |   |
| St. Clement Dances H - - N.R.   | 8559      | 3   | 5                                | -                                | -  | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 4              | -                                 |   |
| Strand Union Workhouse, Edmonton w.   | -         | -   | -                                | -                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| St. Geo.-the-Martyr HHHHHH N.R.   | 18671     | 9   | 7                                | 1                                | 1  | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |   |
| St. Andrew Eastern W - - N.R.   | 10706     | 4   | -                                | -                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| Saffron Hill H - - N.R.   | 6583      | 2   | 2                                | -                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| St. James Clerkenwell - - N.R.  | 17516     | 14  | 8                                | 3                                | 2  | -                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 2         | -              | -                                 |   |
| Amwell Clerkenwell - - N.R.   | 19231     | 11  | 7                                | 2                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| Pentonville - - N.R.  | 14773     | 10  | 4                                | 1                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| Goswell-street - - N.R.   | 17606     | 19  | 3                                | 1                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |   |
| Old-street H - - N.R.   | 11541     | 12  | 5                                | 1                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | -                                 |   |
| City-road HHL - - N.R.  | 18628     | 23  | 7                                | 3                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | -                                 |   |
| Whitecross-street - - N.R.  | 9217      | 4   | 2                                | 1                                | -  | -                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| Finsbury - - N.R.   | 7453      | 3   | 2                                | 1                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| Holborn Union Workhouse, Mitcham, w.  | -         | -   | 3                                | -                                | 2  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| St. Botolph H - - N.R. & E.L.   | 11174     | 6   | 2                                | -                                | 2  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 |   |
| Cripplegate - - N.R.  | 7193      | 1   | 1                                | -                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| St. Sepulchre H - - N.R.  | 5353      | -   | 15                               | 1                                | 3  | -                                  | 1           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 2         | 15             | -                                 |   |
| St. Bride W - - N.R.  | 3396      | 3   | 5                                | 3                                | 1  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| Albion Works Barking - - N.R.   | 13666     | 1   | 4                                | -                                | 2  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |
| Broad Street H - - N.R.   | 5652      | -   | -                                | -                                | -  | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; & A—Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London; and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
 urday, the 28th April. 1888.

| REGISTRATION                  |             |       | The DEATHS registered in the Week include    |  |                                  |  |                                     |            |          |                |             |                 |         |                                      |                                 |            |           |                |                                   |                                 |
|-------------------------------|-------------|-------|--|--|----------------------------------|--|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------------|---------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|
| SUB-DISTRICTS.                |             |       | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Deaths during<br>the<br>Week. | Total Deaths during the<br>Week. | Deaths of<br>Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas<br>(or<br>Typhoid Fever). | Silencing con-<br>tained Fever. | Dysentery. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| EAST DISTRICTS.               |             |       |  |  |                                  |  |                                     |            |          |                |             |                 |         |                                      |                                 |            |           |                |                                   |                                 |
| Aldgate                       | N.R. & E.L. | 7376  | 5  | 2                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Bethnal Green                 | N.R.        | 14967 | 15   | 7                                      | 4                                | 1  | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | 1              | 2                                 | -                               |
| New Town W                    | N.R.        | 29837 | 21   | 13                                     | 2                                | 9  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | 3              | 8                                 | -                               |
| Old Town -                    | N.R.        | 28636 | 14   | 5                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | 1              | -                                 | -                               |
| Spurgeon WH                   | N.R. & E.L. | 46275 | 37   | 22                                     | 5                                | 9  | -                                   | -          | -        | -              | 3           | -               | -       | -                                    | -                               | -          | -         | 2              | 13                                | 1                               |
| Cannock-road H-               | E.L.        | 29738 | 15   | 9                                      | 3                                | -  | -                                   | -          | 1        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | 1                                 | -                               |
| Bethnal Green WH*             | E.L.        | 47332 | 28   | 24                                     | 4                                | 10   | -                                   | -          | 2        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | 1              | 11                                | -                               |
| Arch, Bethnal Green           | E.L.        | 29981 | 30   | 13                                     | 7                                | 1  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Wn, Bethnal Green             | E.L.        | 18810 | 14   | 5                                      | 3                                | -  | -                                   | -          | 1        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Hallfields -                  | E.L. & N.R. | 22885 | 14   | 5                                      | 1                                | 1  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| End New Town W                | E.L.        | 15473 | 17   | 6                                      | -                                | 3  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | 3                                 | -                               |
| Mitchapel Church H            | E.L. & N.R. | 17490 | 11   | 12                                     | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | 2              | 3                                 | 9                               |
| Edman's Fields -              | E.L.        | 3713  | 6  | 6                                      | 1                                | 1  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | 1              | -                                 | -                               |
| Gigate -                      | N.R. & E.L. | 6102  | 5  | 1                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| George's North -              | E.L.        | 38747 | 38   | 13                                     | 6                                | 1  | -                                   | -          | 1        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | 1              | 2                                 | 2                               |
| John, St. George East W       | E.L.        | 8410  | 4  | 8                                      | 1                                | 1  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | 6                                 | -                               |
| Adwell HH                     | E.L. & N.R. | 16995 | 7  | 8                                      | 1                                | 1  | -                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                               | -          | -         | 1              | 2                                 | 5                               |
| Self -                        | E.L.        | 16107 | 4  | 2                                      | 1                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| House -                       | E.L.        | 32041 | 22   | 8                                      | 1                                | 1  | -                                   | -          | 1        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| End Old Town West             | E.L.        | 27960 | 33   | 4                                      | 2                                | -  | -                                   | -          | -        | -              | -           | 2               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| End Old Town East WwH-E.L.    | E.L.        | 67653 | 48   | 25                                     | 3                                | 11   | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | 1              | 10                                | -                               |
| W -                           | E.L.        | 37074 | 28   | 10                                     | 3                                | 4  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | 1          | -         | -              | -                                 | -                               |
| Smiley wvH -                  | E.L.        | 64359 | 52   | 41                                     | 8                                | 11   | -                                   | -          | -        | -              | 2           | 2               | -       | -                                    | -                               | -          | -         | 1              | 2                                 | 19                              |
| Slar. WWH                     | E.L.        | 55077 | 28   | 13                                     | 3                                | 4  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | 1              | 1                                 | -                               |
| SOUTH DISTRICTS.              |             |       |  |  |                                  |  |                                     |            |          |                |             |                 |         |                                      |                                 |            |           |                |                                   |                                 |
| St. Andrew Southwark WH       | L. & S.     | 15663 | 5  | 3                                      | -                                | 3  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | 3                                 | -                               |
| Saviour Southwark -           | S.          | 14999 | 10   | 5                                      | -                                | -  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| St-road -                     | S. & L.     | 21381 | 14   | 4                                      | -                                | 1  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Rough-road WH                 | S. & L.     | 15953 | 11   | 6                                      | -                                | 1  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | 1                                 | -                               |
| London-road HL                | L. & S.     | 21318 | 7  | 6                                      | 1                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Unity Newington               | S. & L.     | 20672 | 13   | 4                                      | 2                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Peter Walworth W              | S. & L.     | 59555 | 52   | 19                                     | 5                                | 7  | -                                   | -          | -        | -              | 1           | 1               | -       | -                                    | -                               | -          | -         | 1              | 2                                 | -                               |
| Mary Newington                | L. & S.     | 21623 | 22   | 7                                      | 3                                | 1  | -                                   | -          | -        | 1              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Olave WH                      | -           | 11956 | 4  | 19                                     | 2                                | 3  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | 1          | 6         | 8              | 14                                | -                               |
| Other Market                  | S. & L.     | 16300 | 14   | 5                                      | 1                                | -  | -                                   | -          | -        | -              | -           | 2               | -       | -                                    | -                               | -          | -         | -              | -                                 | 1                               |
| Mary Magdalen W               | -           | 15669 | 13   | 7                                      | 3                                | -  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | 1          | -         | -              | -                                 | -                               |
| James Bermondsey              | -           | 54688 | 41   | 11                                     | 2                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Herbithes WH-                 | S. & K.     | 36024 | 50   | 14                                     | 4                                | 2  | -                                   | -          | -        | 1              | -           | -               | -       | -                                    | -                               | -          | -         | -              | 3                                 | 1                               |
| Waterloo-road 1st H-          | L. & S.     | 15195 | 11   | 6                                      | 2                                | 2  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | -          | 1         | 1              | -                                 | -                               |
| Waterloo-road 2nd H-          | L. & S.     | 16251 | 17   | 2                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Abchurch Church 1st H         | L. & S.     | 15769 | 9  | 17                                     | 2                                | 2  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | 1          | 2         | 3              | 10                                | -                               |
| Abchurch Church 2nd W         | L. & S.     | 39829 | 18   | 25                                     | 4                                | 3  | -                                   | -          | -        | -              | -           | 2               | -       | -                                    | -                               | -          | -         | -              | 15                                | -                               |
| Newington 1st                 | S. & L.     | 45232 | 40   | 10                                     | 1                                | 4  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Newington 2nd                 | S. & L.     | 35382 | 11   | 12                                     | 3                                | 4  | -                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                               | -          | -         | 1              | -                                 | -                               |
| Xion wv                       | L. & S.     | 62937 | 53   | 21                                     | 3                                | 6  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Wood W.                       | L.          | 19017 | 10   | 9                                      | 3                                | 2  | -                                   | -          | 1        | -              | -           | -               | -       | -                                    | -                               | -          | 1         | 2              | -                                 | -                               |
| St. Batterssea                | -           | 54675 | 51   | 16                                     | 7                                | 2  | -                                   | -          | -        | -              | -           | 3               | -       | -                                    | -                               | -          | 3         | 3              | -                                 | -                               |
| St. Batterssea WwH-           | -           | 51667 | 40   | 21                                     | 6                                | 2  | -                                   | -          | 1        | 1              | 1           | 5               | -       | -                                    | -                               | -          | 2         | 5              | -                                 | -                               |
| Pham H-                       | -           | 26380 | 25   | 18                                     | 5                                | 5  | -                                   | -          | -        | -              | -           | 4               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Endsworth WHL                 | -           | 28604 | 30   | 16                                     | 4                                | 2  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | 1          | -         | -              | 5                                 | -                               |
| Xion wv                       | -           | 13235 | 9  | 3                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Pham H-                       | -           | 25553 | 29   | 10                                     | 1                                | 1  | -                                   | -          | -        | -              | 1           | 1               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Wich                          | L. & S.     | 5990  | 2  | 1                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Overwell WwL*L*               | S. & L.     | 29104 | 57   | 41                                     | 5                                | 13   | -                                   | -          | -        | 1              | -           | 2               | -       | -                                    | -                               | 1          | -         | -              | 20                                | 1                               |
| Pham W-                       | S. L. & K.  | 71889 | 48   | 21                                     | 10                               | 3  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| George Camberwell             | L. & S.     | 50610 | 34   | 22                                     | 4                                | 4  | -                                   | -          | -        | -              | 1           | 4               | -       | 1                                    | -                               | -          | -         | -              | -                                 | -                               |
| Paul Deptford wv              | -           | 76732 | 71   | 59                                     | 12                               | 7  | -                                   | -          | 2        | 1              | 1           | -               | -       | -                                    | -                               | -          | 2         | 3              | 3                                 | 1                               |
| Nicholas Deptford             | -           | 7901  | 3  | 1                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Enwich West H                 | -           | 21972 | 13   | 7                                      | 2                                | -  | -                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                               | -          | -         | -              | 1                                 | -                               |
| Enwich East WWH               | -           | 24608 | 20   | 14                                     | 5                                | 4  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | 1          | -         | 1              | 4                                 | -                               |
| Pham H                        | -           | 8048  | 1  | -                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| H-                            | -           | 21659 | 7  | 5                                      | -                                | 2  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | 1                                 | -                               |
| Pham WH                       | -           | 19865 | 23   | 9                                      | 1                                | 4  | -                                   | -          | 1        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Pham H                        | -           | 26076 | 18   | 11                                     | 4                                | 1  | -                                   | -          | -        | -              | -           | 1               | -       | 1                                    | -                               | -          | 1         | 2              | 1                                 | -                               |
| Pham H-                       | -           | 10980 | 8  | 4                                      | -                                | 3  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Pham Dockyard                 | -           | 17617 | 7  | 4                                      | 2                                | 2  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Pham Arsenal HH               | -           | 15446 | 15   | 5                                      | 2                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Pham West H                   | -           | 14069 | 11   | 4                                      | -                                | 1  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Pham East W                   | -           | 19241 | 21   | 7                                      | 1                                | 2  | -                                   | -          | -        | -              | -           | 1               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Populations Asylum Hospitals: |             |       |  |  |                                  |  |                                     |            |          |                |             |                 |         |                                      |                                 |            |           |                |                                   |                                 |
| Deptford w                    | -           | -     | -  | 1                                      | -                                | -  | -                                   | 1          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | 1                                 | -                               |
| Winchmore Hill w              | -           | -     | -  | -                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |
| Plaistow w-                   | -           | -     | -  | -                                      | -                                | -  | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                               | -          | -         | -              | -                                 | -                               |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by \*:-

Marylebone Infirmary in Kensington Town sub-district.  
General London Sick Asylum, in Tottenham Court-road sub-district.  
Juborn Infirmary " " Upper Holloway sub-district.  
London City Workhouse " Hackney sub-district.  
Juborn " " Boxton New Town sub-district.  
Whitechapel " " Mile End Old Town Eastern sub-dist.  
London City " " Mile End Old Town Eastern sub-dist.  
" " " Bromley sub-district.

Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum " " West Battersea sub-district.  
Westminster Union Industrial School in Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hammersmith, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during Week ending Saturday, 28th April, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Aeres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |    |    |                |                                   |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----|----|----------------|-----------------------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |    |    | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |    |    |                |                                   |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 805     | 345     | 82  | 91                                  | -           | 2        | 4              | 9           | 28              | 3      | 2          | 11        | 21 | 43 |                |                                   |
| 30:1  | Carshalton wL -                | 12228  | 21118   | 2       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Epsom (part of)* wWH           | 9971   | 10710   | 11      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 37:1  | Godstone (part of)* -          | 2754   | 1235  | -       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 38:1  | Croydon wvHHL -                | 20851  | 101241  | 51      | 29      | 8   | 12                                  | -           | -        | -              | 2           | -               | -      | -          | 2         | 2  | 10 |                |                                   |
| 2   | Mitcham w† -                   | 11697  | 17932   | 11      | 11      | -   | 6                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -  | 4  |                |                                   |
| 39:1  | Wimbledon HHH -                | 3220   | 16950   | 7       | 7       | 1   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Kingston WHH -                 | 8649   | 36354   | 25      | 7       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 2  |                |                                   |
| 3   | Esher (part of)* -             | 6601   | 9221  | 4       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  |                |                                   |
| 4   | Hampton H -                    | 4573   | 13539   | 7       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 40:1  | Richmond WH -                  | 2272   | 21302   | 9       | 9       | 3   | -                                   | -           | -        | -              | -           | 2               | -      | -          | 1         | 1  | 1  |                |                                   |
| 2   | Mortlake -                     | 2941   | 12331   | 3       | 2       | -   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 41:1  | Bromley (pt. of)* HH           | 15669  | 31142   | 27      | 6       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | 1  |                |                                   |
| 2   | Chislehurst (pt. of)* WHH      | 14907  | 15844   | 10      | 6       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 3  |                |                                   |
| 42:1  | Bexley H -                     | 18437  | 24134   | 14      | 6       | 2   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 124:1   | Sunbury w -                    | 11055  | 11685   | 8       | 4       | -   | -                                   | -           | -        | -              | 1           | -               | -      | -          | 2         | 2  | -  |                |                                   |
| 2   | Staines W -                    | 13277  | 12089   | 14      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  |                |                                   |
| 125:1   | Hillingdon WHH -               | 6029   | 10809   | 9       | 4       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1  |                |                                   |
| 2   | Uxbridge -                     | 6178   | 5225  | 2       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Hayes wHL -                    | 14587  | 11523   | 8       | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 126:1   | Isleworth WHH -                | 7008   | 22727   | 16      | 13      | 3   | 4                                   | -           | -        | -              | -           | 2               | -      | -          | 1         | 2  | 1  |                |                                   |
| 2   | Twickenham H -                 | 2477   | 12479   | 9       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  |                |                                   |
| 3   | Brentford HL -                 | 4345   | 27649   | 22      | 7       | 2   | 3                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 4   | Chiswick -                     | 1340   | 15975   | 20      | 10      | 4   | 2                                   | -           | -        | -              | -           | 2               | -      | -          | -         | 1  | -  |                |                                   |
| 5   | Acton wH -                     | 6088   | 22876   | 24      | 8       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 127:1   | Harrow H -                     | 13809  | 12798   | 8       | 3       | 1   | -                                   | -           | -        | -              | 1           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Edgware H -                    | 6994   | 3749  | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Willesden -                    | 4383   | 27453   | 33      | 19      | 7   | 3                                   | -           | -        | -              | -           | 1               | -      | 1          | 1         | 3  | -  |                |                                   |
| 4   | Hendon W -                     | 8382   | 10484   | 10      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 128:1   | South Mimms -                  | 15599  | 6391  | 4       | 5       | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Barnet -                       | 5433   | 10092   | 15      | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Finchley HL -                  | 4688   | 17615   | 13      | 13      | 3   | 4                                   | -           | -        | -              | -           | 1               | -      | -          | 1         | 2  | 7  |                |                                   |
| 129:1   | Hornsey H -                    | 3039   | 37078   | 21      | 6       | 1   | 2                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Tottenham H -                  | 4642   | 46456   | 59      | 29      | 2   | 5                                   | -           | -        | 1              | -           | 2               | 1      | -          | 1         | 1  | 4  |                |                                   |
| 3   | Edmonton wv† -                 | 7483   | 23463   | 24      | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1  |                |                                   |
| 4   | Enfield WH -                   | 12653  | 19104   | 25      | 10      | 3   | 3                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 5   | Waltham Abbey -                | 11017  | 5838  | 3       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 6   | Cheshunt -                     | 8480   | 7735  | 6       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 135:1   | Hatfield (part of)* -          | 3806   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 137:1   | Bushey -                       | 9331   | 6621  | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 136:1   | Stratford -                    | 882  | 38606   | 41      | 9       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  |                |                                   |
| 2   | West Ham wvwwH§ -              | 7351   | 101053  | 130     | 57      | 10  | 6                                   | -           | -        | -              | 2           | 6               | 1      | -          | -         | 2  | -  |                |                                   |
| 3   | Leyton wvL -                   | 4372   | 32430   | 45      | 17      | 3   | 9                                   | -           | -        | -              | -           | 3               | -      | -          | -         | -  | 8  |                |                                   |
| 4   | Walthamstow H -                | 6520   | 28869   | 30      | 26      | 3   | 4                                   | -           | 1        | -              | 3           | 4               | 1      | -          | -         | -  | -  |                |                                   |
| 137:1   | Chigwell (part of)* H          | 11761  | 9699  | 6       | 4       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 139:1   | Romford (part of)* -           | 6730   | 3411  | 5       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Ilford -                       | 8493   | 7645  | 7       | 1       | -   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Barking Town -                 | 4127   | 9203  | 8       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Waringham and Farley in Godstone sub-district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1963); 41: 1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

§ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 28th April, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|--|--|
|                           |  |  |   |                                       |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |  |  |
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 69<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |  |  |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |           |           |     |  |                                   |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16. |  |                                   |  |  |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 16·8  | 1·9                                   | 1782                             | 411                                       | 446  | 1           | 18       | 19                | 31          | 108                 | 10     | 19        | 67        | 395 |  |                                   |  |  |
| INNER LONDON              | 77,410   | 4,282,921                                      | 17·5  | 1·9                                   | 1437                             | 329                                       | 355  | 1           | 16       | 15                | 22          | 80                  | 7      | 17        | 56        | 352 |  |                                   |  |  |
| OUTER RING                | 370,924  | 1,244,965                                      | 14·5  | 2·0                                   | 345                              | 82  | 91   | -           | 2        | 4                 | 9           | 23                  | 3      | 2         | 11        | 43  |  |                                   |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,302 Persons.

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. |    | BIRTHS.      | DEATHS.    | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                             |
|------------------------------|---------------------------------------|-----------------|----|--------------|------------|------------------------------------|--|
|                              |                                       | Week ending     |    | Exclusive of | Stillborn. |                                    |  |
| CALCUTTA                     | 433,219                               | March           | 17 | -            | 251        | 30·2                               | Fevers 67; cholera 74.                                     |
| BOMBAY                       | 773,196                               | April           | 3  | 291          | 453        | 27·0                               | Fevers 141; small-pox 29.                                  |
| MADRAS                       | 398,777                               | March           | 16 | 309          | 309        | 40·4                               | Fevers 63; cholera 13.                                     |
| PARIS                        | 2,260,945                             | April           | 21 | 1193         | 1115       | 25·9                               | Typhoid fever 10; diph. & croup 35; small-pox 8.           |
| BRUSSELS (with 8 Faubourgs.) | 454,410                               | "               | 21 | 296          | 173        | 19·5                               | Typhus & typhd. fev. 3; diphtheria 2.                      |
| AMSTERDAM                    | 389,916                               | "               | 21 | 265          | 171        | 22·8                               | Wh.-cough 2; croup 2.                                      |
| ROTTERDAM                    | 193,658                               | "               | 21 | 154          | 71         | 19·0                               | -  |
| THE HAGUE                    | 149,477                               | "               | 21 | 100          | 44         | 15·3                               | -  |
| COPENHAGEN                   | 300,000                               | "               | 10 | 252          | 130        | 22·6                               | Diphtheria 7; scarlet fever 5.                             |
| STOCKHOLM                    | 216,807                               | "               | 14 | 136          | 92         | 21·6                               | Diarrhoeal diseases 12.                                    |
| CHRISTIANIA                  | 134,000                               | "               | 21 | 51           | 56         | 21·3                               | Diphtheria and croup 2.                                    |
| ST. PETERSBURG               | 928,016                               | "               | 14 | -            | 769        | 43·2                               | Typ. & typhd. fev. 31; diph. 10; scar. fv. 8; d. dis. 126. |
| BERLIN                       | 1,413,603                             | "               | 7  | 814          | 541        | 19·9                               | Diph. 13; typ. & typhd. fever 3.                           |
| HAMBURG (State)              | 529,091                               | "               | 14 | 412          | 272        | 26·8                               | Diphtheria and croup 7; tp. & td. fv. 4; meas. 13.         |
| DRESDEN                      | 259,142                               | "               | 7  | 153          | 129        | 25·9                               | Diphtheria and croup 2.                                    |
| BRESLAU                      | 308,105                               | "               | 14 | 242          | 168        | 28·8                               | Diphtheria 6.  |
| MUNICH                       | 275,000                               | "               | 14 | 179          | 179        | 33·8                               | Diphtheria and croup 8; whooping-cough 6.                  |
| VIENNA                       | 800,336                               | "               | 14 | 524          | 459        | 29·8                               | Diph. 6; scar. fev. 4; measles 8.                          |
| PRAGUN                       | 295,857                               | "               | 14 | -            | 190        | 33·5                               | Small-pox 15; diph. 4; scar. fev. 3; typhus 2.             |
| BUDA-PESTH                   | 442,787                               | "               | 14 | 333          | 308        | 36·2                               | Diph. 7; scar. fev. 2; typhoid fever 2.                    |
| TRIESTE                      | 156,042                               | "               | 14 | -            | 93         | 31·0                               | Whooping-cough 3.  |
| ROME                         | 382,973                               | March           | 17 | 257          | 211        | 28·7                               | Diphtheria 4; typhd. fev. 5; small-pox 2; mal. fev. 8.     |
| TURIN (11 days)              | 294,826                               | "               | 31 | 239          | 235        | 26·5                               | Diph. 7; scar. fever 2; measles 3.                         |
| VENICE                       | 150,502                               | April           | 14 | 68           | 62         | 21·5                               | Diarrhoeal diseases 6.                                     |
| CAIRO                        | 374,838                               | "               | 5  | 389          | 256        | 35·6                               | Typhd. fev. 10; diarrhoeal diseases 92.                    |
| ALEXANDRIA                   | 231,396                               | "               | 5  | 205          | 139        | 31·3                               | Diphtheria and croup 2; diarrhoeal diseases 33.            |
| NEW YORK                     | 1,493,000                             | "               | 7  | -            | 772        | 27·0                               | Diph. 27; scar. fev. 22; small-pox 7.                      |
| BROOKLYN                     | 774,570                               | "               | 7  | -            | 315        | 21·2                               | Diphtheria 15; scarlet fever 18.                           |
| PHILADELPHIA                 | 1,016,758                             | "               | 7  | -            | 427        | 21·9                               | Diphtheria 5; croup 7; typhoid fever 11.                   |
| BALTIMORE                    | 437,155                               | "               | 7  | -            | 162        | 19·3                               | Diphtheria 3; meas. 10; whooping-cough 5.                  |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 28th April, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.<br>MONTH AND<br>DAY. |  | Phases<br>of the<br>Moon. | TEMPERATURE.    |               |              |                 |                         | TEMPERATURE.            |  |                         |   |                  | Wind as deduced from Anemometers. |   |              |                    |             | Rain<br>collected<br>in a<br>Gauge<br>whose<br>receiving<br>surface is<br>5 inches<br>above the<br>Ground. |                                 |                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|----------------------------|--|---------------------------|-----------------|---------------|--------------|-----------------|-------------------------|-------------------------|--|-------------------------|---|------------------|-----------------------------------|---|--------------|--------------------|-------------|--|---------------------------------|------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
|                            |  |                           | Baro-<br>meter. | Of the Air.   |              |                 |                         | Of the<br>Dew<br>Point. | Difference between<br>the Air Temperature<br>and Dew Point<br>Temperature. |                         | Degree<br>of<br>Radiation<br>(Sahu-<br>equals<br>100°). | Of<br>Raddition. |                                   | Of the Water<br>of the Thames<br>at Deptford. | Oiler's.     |                    | Robinson's. |  |                                 |                        |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
|                            |  |                           |                 | High-<br>est. | Low-<br>est. | Daily<br>Range. | Mean<br>daily<br>value. |                         | De-<br>parture<br>from<br>Average<br>of<br>20 years.                       | Mean<br>daily<br>value. |   | Least.           | High-<br>est.                     |   | Low-<br>est. | General Direction. |             |  | Pressure on the<br>Square Foot. | Mean<br>Hourly<br>Obs. | Horizontal<br>Movement<br>of the Air<br>on each<br>Day. | Depart-<br>ure from<br>Average<br>of the<br>10 Years. |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |     |
| APRIL.                     |  |                           | in.             | °             | °            | °               | °                       | °                       | °  | °                       | °   | °                | °                                 | °   | °            | °                  | °           | °  | °                               | °                      | °   | °   | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | °</ |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1883, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreland, Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes' Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.56 in. at the beginning of the week to 29.50 in.

## GENERAL REMARKS.

Overcast. Rain fell throughout afternoon.

Overcast. Occasional light showers till afternoon; continuous and, at times, heavy rain after 4h. P.M.

Overcast. Rain fell till 1h. A.M.; slight fog prevailed between 8h. A.M. and 10h. A.M.

Overcast in morning; very fine and bright with little cloud, from 8h. P.M. to 6h. P.M.; cloudy at night.

Generally cloudy till evening; cloudless at night.

Fine with little cloud in morning; cloudy afterwards.

Cloudy throughout.

| DATE.  | ELECTRICITY.<br>(For explanation of<br>symbols, see Note.) | Registered Sun. above<br>Sunshine, Horizon,<br>in hours. |
|--------|--|--|
| APRIL. |  |  |

|           |    |  |     |       |
|-----------|----|--|-----|-------|
| SUNDAY    | 22 | w. P. in morning;<br>s. N. till 4h. P.M.;<br>v. P. afterwards. | 0.0 | 14.2  |
| MONDAY    | 23 | v. P. and w. N. in<br>morning; v. N. after-<br>wards.          | 0.0 | 14.3  |
| TUESDAY   | 24 | v. P. and w. N.  | 0.0 | 14.4  |
| WEDNESDAY | 25 | v. P. throughout   | 3.2 | 14.4  |
| THURSDAY  | 26 | v. P. throughout   | 2.0 | 14.5  |
| FRIDAY    | 27 | m. P. in morning;<br>v. P. afterwards.                         | 2.2 | 14.5  |
| SATURDAY  | 28 | v. P. throughout   | 0.6 | 14.6  |
| Sum       |    |  | Sum | Sum   |
|           |    |  | 9.0 | 109.9 |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,  
7th May, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·7 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |           | TOWNS.             | Weeks ending |             |             |           |
|--------------|--------------|-------------|-------------|-----------|--------------------|--------------|-------------|-------------|-----------|
|              | Apr.<br>14.  | Apr.<br>21. | Apr.<br>28. | May<br>5. |                    | Apr.<br>14.  | Apr.<br>21. | Apr.<br>28. | May<br>5. |
| Birkenhead   | 18·2         | 19·8        | 20·9        | 15·1      | Liverpool - -      | 22·9         | 19·7        | 21·3        | 17·5      |
| Birmingham   | 20·5         | 21·3        | 17·1        | 18·6      | London - - -       | 20·6         | 18·9        | 17·5        | 17·4      |
| Blackburn -  | 28·1         | 25·4        | 25·9        | 24·6      | Manchester -       | 34·9         | 23·9        | 24·8        | 27·6      |
| Bolton - -   | 25·3         | 19·8        | 14·7        | 23·9      | Newcastle-on-Tyne* | 23·0         | 21·3        | 16·1        | 22·0      |
| Bradford* -  | 19·5         | 17·9        | 19·5        | 17·0      | Norwich - -        | 18·4         | 16·7        | 19·5        | 21·2      |
| Brighton -   | 21·3         | 15·7        | 16·1        | 17·8      | Nottingham*        | 24·9         | 18·8        | 18·3        | 16·0      |
| Bristol - -  | 22·3         | 21·2        | 17·3        | 18·9      | Oldham - - -       | 24·2         | 29·1        | 22·7        | 20·0      |
| Cardiff* -   | 21·1         | 18·7        | 22·6        | 16·3      | Plymouth - -       | 26·2         | 29·6        | 18·8        | 24·8      |
| Derby - -    | 23·8         | 15·7        | 17·3        | 18·4      | Portsmouth -       | 16·8         | 20·9        | 18·7        | 12·7      |
| Halifax -    | 21·5         | 24·7        | 20·2        | 18·2      | Preston - - -      | 26·8         | 23·2        | 22·2        | 26·3      |
| Huddersfield | 17·7         | 21·7        | 20·0        | 18·3      | Salford* - -       | 24·9         | 20·5        | 21·0        | 28·1      |
| Hull - - -   | 18·8         | 16·5        | 14·7        | 17·0      | Sheffield - -      | 23·5         | 21·1        | 21·6        | 19·1      |
| Leeds - - -  | 21·2         | 22·4        | 20·7        | 18·7      | Sunderland -       | 17·8         | 16·2        | 18·2        | 15·8      |
| Leicester* - | 19·2         | 17·8        | 23·5        | 19·9      | Wolverhampton -    | 30·0         | 21·1        | 24·3        | 21·7      |

The highest annual death-rates from *measles* were 0·5 in Bristol, in Preston, and in Bradford, and 0·9 in Nottingham; from *scarlet fever*, 0·9 in Salford and 1·3 in Blackburn; from *whooping-cough*, 1·1 in Norwich, in Manchester, and in London, 1·3 in Blackburn, and 3·2 in Salford; and from "*fever*," 0·6 in Manchester and 0·9 in Salford. The 31 deaths from *diphtheria* in the twenty-eight towns included 15 in London, 2 in Brighton, 2 in Bristol, 2 in Liverpool, 3 in Manchester, and 2 in Sheffield. *Small-pox* caused 8 deaths in Sheffield, 2 in Bristol, one in Oldham, and one in Hull, but not one in any of the twenty-three other large provincial towns, or in London.

## LONDON.

In LONDON† 2650 BIRTHS and 1429 DEATHS were registered. Allowing for increase of population, the births were 208, and the deaths 236, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 20·6, 18·9, and 17·5 in the three preceding weeks, further declined last week to 17·4, and was lower than in any previous week of this year. During the first five weeks of the current quarter the death-rate averaged 18·8 per 1000, and was 2·9 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1429 deaths included 14 from measles, 23 from scarlet fever, 15 from diphtheria, 87 from whooping-cough, 1 from typhus, 11 from enteric fever, 19 from

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



diarrhœa and dysentery, and] not one from small-pox, ill-defined forms of continued fever, or cholera; thus, 170 deaths were referred to these diseases, being 83 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 26. There were 16 small-pox patients under treatment in the Metropolitan Asylum Hospitals at the end of last week, against 21 on each of the two preceding Saturdays; and 2 in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 18 and 16 in the two preceding weeks, further declined last week to 14, and were 51 below the corrected average; 5 belonged to Kensington sanitary area. The 23 deaths from *scarlet fever* showed an increase of 8 upon the number in the previous week, but were 7 below the corrected average; 2 belonged to Kensington, 2 to Hackney, 2 to St. Luke's, 3 to Poplar, 2 to Bermondsey, 3 to Lambeth, and 3 to Camberwell sanitary areas. At the end of the week, the Metropolitan Asylum Hospitals contained 920 scarlet fever patients (there were also 80 in the London Fever Hospital), against 961 and 967 in the two preceding weeks; 70 cases were admitted to the Metropolitan Asylum Hospitals during the week, against 91 and 79 in the two previous weeks. The 15 deaths from *diphtheria* showed a decline of 7 from the number in the previous week, and were one below the corrected average; 2 belonged to Islington, 3 to Hackney, and 2 to Lambeth sanitary areas. The fatal cases of *whooping-cough*, which had been 108, 91, and 80 in the three preceding weeks, rose again last week to 87, and exceeded the corrected average by 5; 7 belonged to Kensington, 7 to Chelsea, 8 to Bermondsey, and 8 to Lambeth sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 23 and 17 in the two previous weeks, rose again last week to 19, and exceeded the corrected average by 2; 10 were of infants aged under one year.

The deaths referred to *enteric fever*, which had been 13 and 7 in the two preceding weeks, rose again last week to 11, but were one below the corrected average; 4 belonged to the East group of sanitary areas, and 2 were hospital cases admitted from outside the area of registration London. The fatal case of *typhus* was of a female, aged 17 years, in Holyoak Road, Newington sanitary area. The Metropolitan Asylum Hospitals contained 106 cases of enteric fever, and not one of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week.

The deaths from *puerperal fever*, which had been 6 in each of the two preceding weeks, rose last week to 12, and exceeded the corrected average by 7; 5 occurred in the West group of sanitary areas.

The deaths referred to diseases of the respiratory organs, which had been 444, 363, and 343 in the three preceding weeks, further declined last week to 287, and were 70 below the corrected average.

Different forms of violence caused 39 deaths; 35 were the result of negligence or accident, among which were 13 from fractures and contusions, 3 from burns and scalds, 2 from drowning, and 13 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused:—2 by accidents from vehicles in the street; 1 by fall from railway carriage; 3 by fall down stairs or steps; 1 by fall in street; 1 by fall at birth; 1 by fall from wharf; 1 by fall of pole; and 3 by falls, the nature of which was not stated. An inquest was held in each of these 13 cases. Four cases of suicide were registered, being 3 below the corrected average.

#### GREATER LONDON.

In Greater London 3427 births and 1812 deaths were registered, corresponding to annual rates of 32·3 and 17·1 per 1000 of the population. In the Outer Ring 24 fatal cases of whooping-cough, and 5 of "fever" were registered. The fatal cases of whooping-cough included 5 in Finchley, 4 in Tottenham, and 3 in Edmonton and in West Ham sub-districts. Fever caused 2 deaths in Tottenham, and scarlet fever 2 in Croydon sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·70 in.; the lowest reading was 29·23 in. on Tuesday morning, and the highest was 30·15 in. at the end of the week. The mean temperature of the *air* was 49°·0, and equal to the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Monday, Tuesday, and Saturday, but was below the average on each of the other days of the week. The general direction of the *wind* was South Westerly, and the horizontal movement of the air averaged 19·8 miles per hour, which was 9·0 miles above the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·16 inch. The duration of registered bright sunshine in the week was 43·2 hours, against 36·4 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 5th May, 1888.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | Registered during<br>the Week ending<br>May 4th, 1888. |         |                                    | The Deaths registered in the Week include |                     |          |             |                   |          |            |           |           |                                      |                     | TEMPERATURE OF THE AIR.            |                       |             |         |               | RAINFALL.    |             | CITIES<br>AND<br>BOROUGH. |      |                |
|---------------------------|---|--|---------|------------------------------------|---|---------------------|----------|-------------|-------------------|----------|------------|-----------|-----------|--------------------------------------|---------------------|------------------------------------|-----------------------|-------------|---------|---------------|--------------|-------------|---------------------------|------|----------------|
|                           |   | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age. | Deaths of                                 |                     |          | Deaths from |                   |          |            |           |           |                                      | From All<br>Causes. | From<br>Diseases in<br>Cols. 6-12. | Mean.                 |             |         | In<br>Inches. | In<br>Galls. |             |                           |      |                |
|                           |   |  |         |                                    | Persons aged<br>60 Years<br>and upwards.  | Whooping-<br>cough. | Typhoid. | Diphtheria. | Scarlet<br>Fever. | Measles. | Small-pox. | Violence. | Inquests. | Deaths in<br>Public<br>Institutions. |                     |                                    | Unassisted<br>Deaths. | Fahrenheit. | Lowest. |               |              | Fahrenheit. |                           |      |                |
|                           |   |  |         |                                    |   |                     |          |             |                   |          |            |           |           |                                      |                     |                                    |                       |             |         |               |              |             |                           |      |                |
| Cols.                     | 1.  | 2.   | 3.      | 4.                                 | 5.  | 6.                  | 7.       | 8.          | 9.                | 10.      | 11.        | 12.       | 13.       | 14.                                  | 15.                 | 16.                                | 17.                   | 18.         | 19.     | 20.           | 21.          | 22.         | 23.                       | 24.  | Cols.          |
| 28 TOWNS.*                | 9,398,273   | 5834   | 3367    | 776                                | 758                                       | 12                  | 25       | 45          | 31                | 146      | 32         | 38        | 123       | 241                                  | 590                 | 66                                 | 187                   | 18          | 67.7    | 33.1          | 46.8         | 8.22        | 0.34                      | 0.86 | - 28 TOWNS.    |
| LONDON*                   | 4,282,921   | 2650   | 1429    | 324                                | 356                                       | -                   | 14       | 23          | 15                | 87       | 12         | 19        | 39        | 101                                  | 332                 | 16                                 | 17.4                  | 2.1         | 67.7    | 36.1          | 49.0         | 9.44        | 0.16                      | 0.41 | LONDON.        |
| BRIGHTON                  | 119,983   | 48   | 41      | 6                                  | 11  | -                   | -        | -           | 2                 | 1        | -          | -         | 1         | 1                                    | 2                   | 2                                  | 17.8                  | 1.3         | 56.0    | 39.0          | 46.2         | 7.89        | 0.41                      | 1.04 | BRIGHTON.      |
| PORTSMOUTH                | 189,575   | 96   | 34      | 7                                  | 8   | -                   | -        | -           | -                 | -        | -          | -         | 3         | 3                                    | 3                   | -                                  | 21.2                  | 2.8         | -       | -             | -            | -           | -                         | -    | PORTSMOUTH.    |
| NORWICH                   | 93,875  | 69   | 38      | 10                                 | 8   | -                   | -        | -           | -                 | -        | -          | -         | 2         | 3                                    | 3                   | -                                  | 24.8                  | -           | 57.0    | 38.2          | 48.0         | 8.89        | 0.86                      | 2.18 | NORWICH.       |
| PLYMOUTH                  | 77,674  | 61   | 37      | 12                                 | 10  | -                   | -        | -           | -                 | -        | -          | -         | -         | 1                                    | 1                   | 1                                  | 18.9                  | 1.8         | 57.0    | 40.0          | 46.4         | 8.00        | 0.57                      | 1.45 | PLYMOUTH.      |
| BRISTOL                   | 226,510   | 150  | 82      | 17                                 | 19  | 2                   | 2        | 1           | 2                 | -        | -          | -         | 2         | 5                                    | 14                  | 3                                  | 21.7                  | 1.3         | 63.6    | 33.1          | 45.1         | 7.28        | 0.26                      | 0.66 | BRISTOL.       |
| WOLVERHAMPTON             | 81,691  | 59   | 34      | 8                                  | 8   | -                   | -        | -           | 1                 | 1        | -          | -         | 1         | 2                                    | 5                   | -                                  | 21.7                  | 1.3         | 63.6    | 33.1          | 45.1         | 7.28        | 0.26                      | 0.66 | WOLVERHAMPTON. |
| BIRMINGHAM                | 447,912   | 277  | 160     | 36                                 | 41  | -                   | 1        | -           | 1                 | 1        | 2          | 1         | 15        | 21                                   | 32                  | 5                                  | 18.6                  | 0.7         | -       | -             | -            | -           | -                         | -    | BIRMINGHAM.    |
| LEICESTER*                | 146,790   | 85   | 56      | 16                                 | 7   | -                   | 1        | -           | 1                 | 2        | -          | -         | 1         | 7                                    | 6                   | -                                  | 19.9                  | 1.4         | -       | -             | -            | -           | -                         | -    | LEICESTER.     |
| NOTTINGHAM*               | 230,921   | 100  | 71      | 24                                 | 16  | -                   | 4        | 1           | -                 | 1        | 1          | -         | 5         | 8                                    | 4                   | 1                                  | 16.0                  | 1.6         | 55.6    | 33.7          | 45.7         | 7.61        | 0.05                      | 0.13 | NOTTINGHAM.    |
| DERBY                     | 96,241  | 756  | 734     | -                                  | -   | -                   | -        | -           | -                 | -        | -          | -         | -         | -                                    | -                   | -                                  | 18.4                  | -           | -       | -             | -            | -           | -                         | -    | DERBY.         |
| BIRKENHEAD                | 100,093   | 53   | 29      | 1                                  | 6   | -                   | -        | 1           | 1                 | -        | 1          | -         | 2         | 3                                    | 5                   | -                                  | 15.1                  | 1.6         | -       | -             | -            | -           | -                         | -    | BIRKENHEAD.    |
| LIVERPOOL                 | 599,738   | 325  | 201     | 46                                 | 31  | -                   | -        | 1           | 2                 | 12       | 2          | 1         | 12        | 15                                   | 35                  | 4                                  | 17.5                  | 1.6         | 56.2    | 39.8          | 46.8         | 8.22        | 0.54                      | 1.37 | LIVERPOOL.     |
| BOLTON                    | 113,506   | 77   | 52      | 13                                 | 9   | -                   | -        | -           | -                 | 1        | -          | 1         | -         | 1                                    | 2                   | 2                                  | 23.9                  | 0.9         | -       | -             | -            | -           | -                         | -    | BOLTON.        |
| MANCHESTER                | 378,164   | 254  | 200     | 41                                 | 35  | -                   | -        | 3           | 3                 | 8        | 4          | 2         | 9         | 24                                   | 40                  | 6                                  | 27.6                  | 2.8         | -       | -             | -            | -           | -                         | -    | MANCHESTER.    |
| SALFORD*                  | 226,336   | 153  | 122     | 30                                 | 22  | -                   | -        | 4           | -                 | 14       | 4          | 1         | 3         | 4                                    | 16                  | 2                                  | 28.1                  | 5.3         | -       | -             | -            | -           | -                         | -    | SALFORD.       |
| OLDHAM                    | 138,220   | 75   | 53      | 11                                 | 13  | 1                   | -        | 2           | 1                 | 1        | 1          | -         | 2         | 5                                    | 2                   | -                                  | 20.0                  | 2.3         | -       | -             | -            | -           | -                         | -    | OLDHAM.        |
| BLACKBURN                 | 119,039   | 69   | 56      | 18                                 | 16  | -                   | -        | 3           | -                 | 3        | 1          | 1         | 1         | 2                                    | 3                   | 3                                  | 24.6                  | 3.5         | -       | -             | -            | -           | -                         | -    | BLACKBURN.     |
| PRESTON                   | 103,234   | 50   | 52      | 9                                  | 10  | -                   | 1        | 1           | -                 | 1        | -          | 1         | 1         | 3                                    | 12                  | 2                                  | 26.3                  | 1.0         | 57.0    | 39.0          | 46.4         | 8.00        | 0.55                      | 1.40 | PRESTON.       |
| HUDDESFIELD               | 91,419  | 46   | 32      | 7                                  | 4   | -                   | -        | 1           | -                 | -        | -          | -         | -         | -                                    | 1                   | 5                                  | 18.3                  | 0.6         | -       | -             | -            | -           | -                         | -    | HUDDESFIELD.   |
| HALIFAX                   | 80,138  | 43   | 28      | 8                                  | 5   | -                   | -        | 1           | -                 | 1        | -          | -         | -         | -                                    | 1                   | 2                                  | 18.2                  | 1.3         | -       | -             | -            | -           | -                         | -    | HALIFAX.       |
| BRADFORD*                 | 229,721   | 134  | 75      | 19                                 | 25  | -                   | 2        | -           | -                 | 1        | -          | 1         | 4         | 4                                    | 7                   | 5                                  | 17.0                  | 0.9         | 58.3    | 39.8          | 46.9         | 8.28        | 0.35                      | 0.89 | BRADFORD.      |
| LEEDS                     | 351,210   | 222  | 126     | 39                                 | 21  | -                   | -        | 1           | -                 | 4        | 1          | 2         | 4         | 10                                   | 8                   | 3                                  | 18.7                  | 1.2         | -       | -             | -            | -           | -                         | -    | LEEDS.         |
| SHEFFIELD                 | 321,711   | 173  | 118     | 28                                 | 25  | 3                   | -        | 1           | 2                 | 3        | 2          | 1         | 7         | 8                                    | 18                  | 4                                  | 19.1                  | 2.8         | -       | -             | -            | -           | -                         | -    | SHEFFIELD.     |
| HULL                      | 202,359   | 139  | 66      | 13                                 | 17  | 1                   | -        | -           | -                 | 1        | -          | 2         | 1         | 1                                    | 10                  | 2                                  | 17.0                  | 1.0         | 61.0    | 38.0          | 47.4         | 8.56        | 0.07                      | 0.18 | HULL.          |
| SUNDERLAND                | 131,919   | 93   | 40      | 8                                  | 17  | -                   | -        | -           | -                 | -        | -          | -         | 1         | 2                                    | 5                   | 4                                  | 15.8                  | 0.4         | 60.0    | 40.0          | 47.3         | 8.50        | 0.09                      | 0.23 | SUNDERLAND.    |
| NEWCASTLE*                | 119,003   | 134  | 67      | 14                                 | 13  | -                   | -        | -           | -                 | -        | -          | -         | 5         | 5                                    | 10                  | -                                  | 22.0                  | 0.7         | 56.0    | 40.0          | 46.3         | 7.94        | 0.13                      | 0.33 | NEWCASTLE.     |
| CARDIFF*                  | 108,570   | 83   | 34      | 6                                  | 5   | -                   | -        | 1           | -                 | -        | -          | -         | 2         | 5                                    | 5                   | 2                                  | 16.3                  | 1.4         | -       | -             | -            | -           | -                         | -    | CARDIFF.       |
| EDINBURGH                 | 262,733   | 175  | 106     | 23                                 | 27  | -                   | -        | -           | -                 | 1        | -          | -         | 4         | 2                                    | 21                  | 23                                 | 21.1                  | 0.2         | 59.0    | 36.5          | 47.4         | 8.56        | 0.23                      | 0.58 | EDINBURGH.     |
| GLASGOW                   | 526,088   | 378  | 223     | 32                                 | 37  | -                   | 5        | 1           | 8                 | 7        | 1          | 1         | 6         | 2                                    | 30                  | 31                                 | 22.1                  | 2.3         | 56.3    | 36.2          | 46.6         | 8.11        | 0.60                      | 1.52 | GLASGOW.       |
| DUBLIN                    | 353,082   | 198  | 147     | 22                                 | 41  | -                   | 1        | -           | -                 | 7        | 2          | 2         | 6         | 7                                    | 44                  | 17                                 | 21.7                  | 1.8         | 55.4    | 32.7          | 46.3         | 7.94        | 0.53                      | 1.35 | DUBLIN.        |

\* See note on first page of this Return.

+ The Returns from Derby being incomplete, the detailed information concerning the deaths in this town is necessarily omitted.



**TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the EIGHTEENTH Weeks of Ten previous Years.**

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2702 | 2607 | 2823 | 2515 | 2740 | 2545 | 2541 | 2429 | 2706 | 2597 | 2857.6   | 2650 |
| Males . .           | 1365 | 1362 | 1487 | 1304 | 1406 | 1283 | 1331 | 1295 | 1374 | 1276 | 1458.3   | 1328 |
| Females .           | 1337 | 1245 | 1386 | 1211 | 1334 | 1262 | 1210 | 1194 | 1332 | 1321 | 1399.3   | 1322 |
| <b>TOTAL Deaths</b> | 1545 | 1648 | 1416 | 1472 | 1495 | 1504 | 1697 | 1465 | 1491 | 1531 | 1664.5   | 1429 |
| Males . .           | 839  | 811  | 755  | 764  | 768  | 792  | 876  | 778  | 803  | 824  | 873.5  | 719  |
| Females .           | 706  | 837  | 661  | 708  | 727  | 712  | 821  | 687  | 688  | 707  | 791.0  | 710  |

The numbers in this column are the average weekly numbers in the eighteenth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

**TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.**

|  | Feb. 11. | Feb. 18. | Feb. 25. | Mar. 3. | Mar. 10. | Mar. 17. | Mar. 24. | Mar. 31. | Apr. 7. | Apr. 14. | Apr. 21. | Apr. 28. | May 5. |
|--|----------|----------|----------|---------|----------|----------|----------|----------|---------|----------|----------|----------|--------|
| <b>TOTAL Births</b> - -                        | 2830     | 2569     | 2473     | 2778    | 2583     | 2629     | 2522     | 2492     | 2588    | 2331     | 2579     | 2577     | 2650   |
| <b>TOTAL Deaths</b> - -                        | 1838     | 1689     | 1772     | 1794    | 1886     | 1604     | 1655     | 1668     | 1593    | 1692     | 1551     | 1437     | 1429   |
| 0-20 - -                                       | 807      | 763      | 772      | 795     | 811      | 698      | 715      | 747      | 716     | 800      | 681      | 628      | 643    |
| 20-40 - -                                      | 205      | 178      | 199      | 215     | 223      | 201      | 197      | 183      | 189     | 215      | 212      | 177      | 187    |
| 40-60 - -                                      | 293      | 300      | 331      | 313     | 300      | 275      | 285      | 340      | 270     | 278      | 265      | 277      | 243    |
| 60-80 - -                                      | 440      | 353      | 388      | 391     | 465      | 353      | 384      | 329      | 320     | 335      | 310      | 303      | 277    |
| at 80 years & upwds.                           | 93       | 95       | 82       | 80      | 87       | 77       | 74       | 69       | 98      | 64       | 83       | 53       | 79     |
| Deaths of children { Under 1 year - -          | 394      | 360      | 351      | 371     | 424      | 332      | 361      | 366      | 346     | 395      | 367      | 329      | 324    |
| { 1-5 - -                                      | 310      | 304      | 320      | 302     | 281      | 274      | 254      | 273      | 263     | 302      | 229      | 209      | 225    |
| { 5-20 - -                                     | 103      | 99       | 101      | 122     | 106      | 92       | 100      | 103      | 107     | 103      | 85       | 90       | 94     |
| Deaths from Small-pox - -                      | -        | 1        | -        | -       | 2        | -        | -        | -        | -       | -        | -        | 1        | -      |
| " " Measles - -                                | 15       | 14       | 18       | 15      | 21       | 22       | 18       | 17       | 16      | 12       | 18       | 16       | 14     |
| " " Scarlet fever - -                          | 36       | 30       | 32       | 27      | 29       | 25       | 24       | 40       | 20      | 17       | 21       | 15       | 23     |
| " " Diphtheria - -                             | 40       | 13       | 30       | 24      | 24       | 22       | 17       | 15       | 16      | 19       | 10       | 22       | 15     |
| " " Whooping-cough - -                         | 153      | 122      | 127      | 94      | 101      | 92       | 80       | 93       | 89      | 108      | 91       | 80       | 87     |
| " " Typhus - -                                 | -        | -        | -        | -       | -        | 1        | 1        | 1        | -       | -        | -        | -        | 1      |
| " " Enteric fever - -                          | 12       | 18       | 16       | 15      | 20       | 10       | 10       | 13       | 20      | 9        | 13       | 7        | 11     |
| " " Simple Cont'd fever - -                    | 1        | -        | -        | -       | -        | 1        | -        | -        | 1       | -        | 1        | -        | -      |
| " " Diarrhœa and } Dysentery - -               | 12       | 8        | 8        | 10      | 17       | 10       | 6        | 16       | 17      | 19       | 23       | 17       | 19     |
| " " Cholera - -                                | -        | -        | 1        | -       | -        | -        | -        | -        | 1       | -        | -        | -        | -      |
| Deaths from the above-mentioned Diseases } - - | 269      | 211      | 232      | 185     | 214      | 183      | 156      | 195      | 180     | 184      | 177      | 158      | 170    |
| " " Dis. of Respiratory System - -             | 504      | 437      | 478      | 488     | 490      | 459      | 457      | 460      | 419     | 444      | 363      | 343      | 287    |
| " " Phthisis - -                               | 149      | 131      | 170      | 165     | 159      | 140      | 144      | 155      | 152     | 150      | 137      | 146      | 135    |
| " " Dis. of Circulatory System - -             | 163      | 127      | 134      | 137     | 161      | 137      | 133      | 130      | 128     | 134      | 129      | 87       | 122    |
| Violent Deaths - -                             | 58       | 39       | 62       | 65      | 51       | 58       | 64       | 75       | 56      | 52       | 48       | 56       | 39     |
| Inquest Cases - -                              | 119      | 88       | 107      | 149     | 123      | 116      | 120      | 129      | 121     | 109      | 110      | 110      | 101    |
| Deaths in Public Institutions - -              | 408      | 358      | 405      | 379     | 424      | 355      | 365      | 376      | 347     | 347      | 352      | 352      | 332    |
| <b>TEMPERATURE OF THE AIR</b>                  |          |          |          |         |          |          |          |          |         |          |          |          |        |
| Mean - -                                       | 43.6     | 34.1     | 29.8     | 31.5    | 42.6     | 37.2     | 34.7     | 40.0     | 37.1    | 42.2     | 48.5     | 45.7     | 49.0   |
| Mean of Highest readings - -                   | 48.4     | 38.1     | 33.9     | 35.9    | 48.8     | 43.2     | 40.6     | 47.5     | 47.0    | 50.3     | 59.0     | 51.4     | 58.9   |
| Mean of Lowest readings - -                    | 38.9     | 31.1     | 25.9     | 27.5    | 36.9     | 32.7     | 30.4     | 34.5     | 29.3    | 35.3     | 41.2     | 37.8     | 40.2   |
| Humidity of the Air - -                        | 83       | 82       | 76       | 76      | 79       | 81       | 80       | 87       | 78      | 78       | 82       | 86       | 68     |
| Rain-fall in inches - -                        | 0.26     | 0.38     | 0.21     | 0.02    | 0.30     | 0.95     | 0.66     | 0.87     | 0.08    | 0.11     | 0.65     | 0.67     | 0.16   |
| Registered Sunshine (in hours) - -             | 1.8      | 5.6      | 6.0      | 10.4    | 6.5      | 10.8     | 11.3     | 11.2     | 29.0    | 21.5     | 35.7     | 8.0      | 43.2   |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

**METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)**

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R. Met. Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLeanborough, Esq., F.G.S., F.R. Met. Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the EIGHTEENTH Week of the Year 1888.

| CAUSES OF DEATH.   |  | Corrected Averages for the 18th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 5th May 1888. |      |      |       |                  |                  |                  |                       | CAUSES OF DEATH. |   | Corrected Averages for the 18th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 5th May 1888. |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |
|--|--|---|--|------|------|-------|------------------|------------------|------------------|-----------------------|------------------|---|---|--|-------|------|-------|------------------|------------------|------------------|-----------------------|----|----|---|---|---|---|
|  |  |   | Deaths of Persons of the Ages              |      |      |       |                  |                  |                  |                       |                  |   |   | Deaths of Persons of the Ages              |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |
|  |  |   | ALL AGES.                                  | 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |                  |   |   | ALL AGES.                                  | 0-1.  | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |    |    |   |   |   |   |
| ALL CAUSES - -   |  |   | 1684.5                                     | 1420 | 324  | 225   | 94               | 187              | 243              | 277                   | 79               | Diseases of Organs of Special Sense † - -               |   |  | 1.4   | 3    | -     | 1                | 1                | -                | 1                     | -  | -  | - | - | - | - |
| Small-pox { Vaccinated † - -<br>Unvaccinated - - -<br>No Statement - - - |  |   | 25.8                                       | -    | -    | -     | -                | -                | -                | -                     | -                | Diseases of Circulatory System - - -                    |   |  | 110.3 | 122  | -     | 2                | 7                | 19               | 31                    | 56 | 7  | - | - | - | - |
| Measles - - - - -  |  |   |  | 65.3 | 14   | 2     | 11               | -                | 1                | -                     | -                | Croup - - - - -   |   |  | 11.9  | 11   | 2     | 8                | 1                | -                | -                     | -  | -  | - | - | - | - |
| Scarlet Fever - - -  |  |   |  | 80.0 | 23   | 1     | 14               | 7                | 1                | -                     | -                | Bronchitis - - - -                                      |   |  | 105.0 | 172  | 39    | 31               | 3                | 3                | 29                    | 43 | 20 | - | - | - | - |
| Typhus - - - - -   |  |   | 2.2  | 1    | -    | -     | 1                | -                | -                | -                     | -                | Pneumonia - - - -                                       |   |  | 105.1 | 77   | 14    | 18               | 2                | 15               | 15                    | 11 | 2  | - | - | - | - |
| Relapsing Fever † -  |  |   | 0.0  | -    | -    | -     | -                | -                | -                | -                     | -                | Pleurisy - - - - -                                      |   |  | 5.9   | 8    | -     | -                | 2                | 3                | 3                     | -  | -  | - | - | - |   |
| Influenza - - - -  |  |   | 0.1  | -    | -    | -     | -                | -                | -                | -                     | -                | Other Diseases of Respiratory System - -                |   |  | 33.4  | 19   | 3     | -                | 1                | 2                | 4                     | 5  | 4  | - | - | - | - |
| Whooping-cough - -   |  |   | 32.0                                       | 37   | 30   | 54    | 3                | -                | -                | -                     | -                | Dentition † - - - -                                     |   |  | 15.7  | 11   | 4     | 7                | -                | -                | -                     | -  | -  | - | - | - |   |
| Diphtheria - - - -   |  |   | 13.0                                       | 15   | -    | 9     | 4                | 2                | -                | -                     | -                | Quinsy, Sore Throat † -                                 |   |  | 1.3   | 1    | -     | 1                | -                | -                | -                     | -  | -  | - | - | - |   |
| Simple Continued and Ill-defined Fever - -                               |  |   | 2.4  | -    | -    | -     | -                | -                | -                | -                     | -                | Enteritis - - - - -                                     |   |  | 6.4   | 5    | 2     | -                | -                | -                | -                     | 2  | 1  | - | - | - |   |
| Enteric Fever - - -  |  |   |  | 12.0 | 11   | -     | -                | 4                | 5                | 2                     | -                | Peritonitis - - - - -                                   |   |  | 6.3   | 8    | 1     | -                | 3                | 2                | 1                     | 1  | -  | - | - | - |   |
| Cholera - - - - -  |  |   |  | 0.4  | -    | -     | -                | -                | -                | -                     | -                | Diseases of Liver - - -                                 |   |  | 30.3  | 20   | 2     | -                | 2                | 2                | 4                     | 9  | 1  | - | - | - |   |
| Diarrhoea, Dysentery   |  |   | 17.0                                       | 19   | 10   | 3     | 1                | 2                | -                | 2                     | 1                | Other Diseases of Digestive System -                    |   |  | 26.9  | 39   | 8     | 3                | 4                | 4                | 4                     | 6  | 1  | - | - | - |   |
| Remittent Fever † -  |  |   | 0.4  | -    | -    | -     | -                | -                | -                | -                     | -                | Diseases of Lymphatic System & of Ductless Glands † - - |   |  | 1.9   | 5    | -     | -                | 1                | 3                | -                     | 1  | -  | - | - | - |   |
| Hydrophobia - - -  |  |   | 0.0  | -    | -    | -     | -                | -                | -                | -                     | -                | Diseases of Urinary System - - -                        |   |  | 37.4  | 41   | -     | 1                | 1                | 4                | 17                    | 16 | 2  | - | - | - |   |
| Glanders - - - - -   |  |   | 0.0  | -    | -    | -     | -                | -                | -                | -                     | -                | Diseases of Generative System - - -                     |   |  | 6.3   | 7    | 1     | -                | -                | 2                | 3                     | 1  | -  | - | - | - |   |
| Cowpox and Effects of Vaccination † - -                                  |  |   | 0.4  | -    | -    | -     | -                | -                | -                | -                     | -                | Accidents of Childbirth -                               |   |  | 4.4   | 2    | -     | -                | -                | 2                | -                     | -  | -  | - | - | - |   |
| Venereal Affections -  |  |   | 12.0                                       | 10   | 7    | 2     | -                | -                | 1                | -                     | -                | Diseases of Locomotive System † - - -                   |   |  | 9.0   | 7    | -     | 1                | -                | 4                | -                     | 1  | 1  | - | - | - |   |
| Erysipelas - - - -   |  |   | 7.6  | 4    | 1    | -     | -                | -                | 3                | -                     | -                | Diseases of Integumentary System - -                    |   |  | 4.9   | 3    | 5     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Pyæmia and Septicæmia †  |  |   | 4.4  | 3    | 1    | -     | 1                | 1                | -                | -                     | -                | VIOLENT DEATHS.‡  |   |  |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |
| Puerperal Fever - -  |  |   | 5.2  | 12   | -    | -     | 10               | 2                | -                | -                     | -                | ACCIDENT.)  |   |  |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |
| Other Zymotic Diseases †   |  |   | 2.5  | 1    | -    | -     | -                | -                | -                | 1                     | -                | Fracture and Confusion                                  |   |  | 22.7  | 13   | 1     | -                | 2                | 4                | 3                     | 3  | -  | - | - | - |   |
| Thrush - - - - -   |  |   | 1.9  | 1    | 1    | -     | -                | -                | -                | -                     | -                | Gunshot Wound - - -                                     |   |  | 0.1   | -    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Worms and other Parasitical Diseases - -                                 |  |   | 0.5  | 1    | -    | -     | -                | 1                | -                | -                     | -                | Cut, Stab - - - - -                                     |   |  | 0.7   | -    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Starvation, Want of Breast-milk † - -                                    |  |   | 1.4  | 1    | 1    | -     | -                | -                | -                | -                     | -                | Burn and Scald - - -                                    |   |  | 4.8   | 3    | -     | 2                | -                | -                | -                     | -  | -  | - | - | - |   |
| Alcoholism - - - -   |  |   | 4.8  | 7    | -    | -     | -                | 1                | 4                | 2                     | -                | Poison - - - - -  |   |  | 2.1   | 1    | -     | 1                | -                | -                | -                     | -  | -  | - | - | - |   |
| Rheumatic Fever, Rheumatism of Heart †                                   |  |   | 3.9  | 11   | -    | -     | 6                | 5                | -                | -                     | -                | Drowning - - - - -                                      |   |  | 7.1   | 2    | -     | -                | 1                | -                | 1                     | -  | -  | - | - | - |   |
| Rheumatism † - - -   |  |   | 3.9  | 2    | -    | -     | -                | -                | 2                | -                     | -                | Suffocation - - - -                                     |   |  | 13.6  | 13   | 13    | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Gout - - - - -   |  |   | 2.9  | 5    | -    | -     | -                | -                | 5                | -                     | -                | Otherwise - - - - -                                     |   |  | 2.6   | 3    | 1     | -                | 2                | -                | -                     | -  | -  | - | - | - |   |
| Rickets † - - - -  |  |   | 2.1  | 7    | 3    | 4     | -                | -                | -                | -                     | -                | (HOMICIDE.)   |   |  |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |
| Cancer - - - - -   |  |   | 50.3                                       | 67   | -    | -     | 1                | 6                | 31               | 27                    | 2                | Murder & Manslaughter                                   |   |  | 1.4   | -    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Tabes Mesenterica -  |  |   | 23.4                                       | 22   | 16   | 5     | 1                | -                | -                | -                     | -                | (SUICIDE.)  |   |  |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |
| Tubercular Meningitis  |  |   | 34.7                                       | 20   | 9    | 12    | 6                | 2                | -                | -                     | -                | Gunshot Wound - - -                                     |   |  | 0.4   | -    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Phthisis - - - - -   |  |   | 185.0                                      | 135  | 2    | 3     | 13               | 70               | 41               | 5                     | 1                | Cut, Stab - - - - -                                     |   |  | 1.4   | -    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Scrofula, Tuberculosis   |  |   | 18.6                                       | 13   | 6    | 6     | 2                | 1                | 3                | -                     | -                | Poison - - - - -  |   |  | 1.0   | 2    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Other Constitutional Diseases † - -                                      |  |   | 11.6                                       | 7    | -    | 1     | 1                | -                | 3                | 1                     | 1                | Drowning - - - - -                                      |   |  | 1.7   | -    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Premature Birth - -  |  |   | 32.5                                       | 43   | 43   | -     | -                | -                | -                | -                     | -                | Hanging - - - - -                                       |   |  | 2.2   | 2    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Atelectasis † - - -  |  |   | 1.8  | 6    | 6    | -     | -                | -                | -                | -                     | -                | Otherwise - - - - -                                     |   |  | 0.7   | -    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Congenital Malformations - -   |  |   | 8.0  | 9    | 9    | -     | -                | -                | -                | -                     | -                | (EXECUTION.)  |   |  |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |
| Old Age - - - - -  |  |   | 49.2                                       | 54   | -    | -     | -                | -                | -                | 26                    | 23               | Hanging - - - - -                                       |   |  | 0.0   | -    | -     | -                | -                | -                | -                     | -  | -  | - | - | - |   |
| Apoplexy - - - - -   |  |   | 40.3                                       | 43   | -    | -     | -                | 4                | 13               | 34                    | 2                | OTHER CAUSES † - -                                      |   |  | 55.1  | 46   | 41    | 1                | -                | -                | 2                     | 2  | -  | - | - | - |   |
| Epilepsy - - - - -   |  |   | 7.9  | 11   | -    | 1     | 1                | 4                | 3                | 1                     | 1                |   |   |  |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |
| Convulsions - - - -  |  |   | 40.9                                       | 33   | 23   | 5     | -                | -                | -                | -                     | -                |   |   |  |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |
| Other Diseases of Brain and Nervous System                               |  |   | 95.1                                       | 77   | 10   | 17    | 9                | 3                | 12               | 23                    | 3                |   |   |  |       |      |       |                  |                  |                  |                       |    |    |   |   |   |   |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.044 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

| The DEATHS registered in the Week include               |  |  |  |  |                                 |                                     |            |             |                |             |                 |         |                                |                              |            |           |                |     |                                      |                                |
|---|--|--|--|--|---------------------------------|-------------------------------------|------------|-------------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----|--------------------------------------|--------------------------------|
| REGISTRATION  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths of                       |                                     |            | Deaths from |                |             |                 |         |                                |                              |            |           |                |     | Deaths<br>in Public<br>Institutions. | Unclassified Causes<br>Deaths. |
| SUB-DISTRICTS.  |  |  |  |  | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles.    | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |     |                                      |                                |
| LONDON . . . . .  |  | 3,815,704                                    | 2650                                   | 1429                                   | 324                             | 356                                 | -          | 14          | 23             | 15          | 87              | 1       | 11                             | -                            | 19         | 39        | 101            | 332 | 16                                   |                                |
| WEST DISTRICTS . . . . .                                |  | 669,883                                      | 419                                    | 244                                    | 50                              | 75                                  | -          | 6           | 2              | 1           | 23              | -       | 2                              | -                            | 5          | 8         | 18             | 49  | 4                                    |                                |
| NORTH DISTRICTS . . . . .                               |  | 906,947                                      | 578                                    | 307                                    | 69                              | 74                                  | -          | 3           | 6              | 5           | 7               | -       | 4                              | -                            | 2          | 10        | 27             | 62  | 1                                    |                                |
| CENTRAL DISTRICTS . . . . .                             |  | 282,238                                      | 174                                    | 117                                    | 27                              | 21                                  | -          | -           | -              | 1           | 8               | -       | 1                              | -                            | -          | 3         | 7              | 40  | 1                                    |                                |
| EAST DISTRICTS . . . . .                                |  | 692,738                                      | 502                                    | 269                                    | 59                              | 60                                  | -          | 1           | 5              | 4           | 13              | -       | 3                              | -                            | 4          | 12        | 27             | 83  | -                                    |                                |
| SOUTH DISTRICTS . . . . .                               |  | 1,265,148                                    | 977                                    | 502                                    | 119                             | 126                                 | -          | 4           | 10             | 4           | 36              | 1       | 1                              | -                            | 8          | 6         | 24             | 98  | 10                                   |                                |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION |  | -  | -                                      | -                                      | -                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| LONDON . . . . .  |  | -  | -                                      | -                                      | -                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| WEST DISTRICTS.   |  |  |  |  |                                 |                                     |            |             |                |             |                 |         |                                |                              |            |           |                |     |                                      |                                |
| St. Mary Paddington WHH G.J. & W.M.                     |  | 69883  | 67                                     | 26                                     | 6                               | 9                                   | -          | -           | -              | -           | 4               | -       | -                              | -                            | 2          | 1         | 1              | 3   | -                                    |                                |
| St. John Paddington H - - G.J.                          |  | 87380  | 9                                      | 14                                     | 1                               | 4                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 7   | -                                    |                                |
| Kensington Town Ww - - W.M.                             |  | 120141                                       | 67                                     | 45                                     | 11                              | 17                                  | -          | 5           | 1              | -           | 5               | -       | 1                              | -                            | -          | 1         | 2              | 11  | 2                                    |                                |
| Brompton HH - - W.M. & C.                               |  | 43010  | 14                                     | 9                                      | 3                               | 3                                   | -          | -           | -              | -           | 2               | -       | -                              | -                            | -          | -         | 1              | 1   | -                                    |                                |
| St. Peter Hammersmith - - W.M.                          |  | 7599   | 3                                      | 2                                      | 1                               | 1                                   | -          | -           | -              | -           | -               | -       | 1                              | -                            | 1          | 2         | 4              | 3   | -                                    |                                |
| St. Paul Hammersmith H W.M. & G.J.                      |  | 64340  | 44                                     | 32                                     | 8                               | 6                                   | -          | 1           | 1              | -           | 1               | -       | -                              | -                            | -          | 1         | 2              | 4   | -                                    |                                |
| Fulham Ww - - W.M. & C.                                 |  | 42900  | 57                                     | 29                                     | 7                               | 8                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Chelsea South HHH - - C.                                |  | 80396  | 14                                     | 12                                     | 2                               | 3                                   | -          | -           | -              | -           | 2               | -       | -                              | -                            | -          | -         | 1              | 6   | -                                    |                                |
| Chelsea North-west WHHHHH C.                            |  | 24925  | 30                                     | 15                                     | 4                               | 5                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | -   | -                                    |                                |
| Chelsea North-east - - C.                               |  | 32807  | 28                                     | 9                                      | 2                               | 4                                   | -          | -           | -              | -           | 5               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| May Fair WW - - G.J.                                    |  | 80353  | 7                                      | 9                                      | -                               | 7                                   | -          | -           | -              | 1           | 2               | -       | -                              | -                            | 1          | -         | 1              | 3   | -                                    |                                |
| Belgrave WHHH - - C.                                    |  | 59220  | 23                                     | 20                                     | 1                               | 5                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -   | -                                    |                                |
| St. John Westminster HHH - C.                           |  | 85496  | 22                                     | 7                                      | 2                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4   | 2                                    |                                |
| St. Margaret Westminster H - C.                         |  | 24679  | 12                                     | 9                                      | 2                               | 1                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. James Westminster WHH N.R. & G.J.                   |  | 29941  | 12                                     | 2                                      | -                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. Anne Soho HHHHHHH - N.R.                            |  | 18608  | 10                                     | 4                                      | 1                               | -                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| NORTH DISTRICTS.  |  |  |  |  |                                 |                                     |            |             |                |             |                 |         |                                |                              |            |           |                |     |                                      |                                |
| All Souls Marylebone HHHH - W.M.                        |  | 24759  | 6                                      | 12                                     | 1                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 10  | -                                    |                                |
| Cavendish Square HHHH - W.M.                            |  | 14391  | 9                                      | 5                                      | 1                               | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | 5   | -                                    |                                |
| Rectory Marylebone WH G.J. & W.M.                       |  | 24809  | 14                                     | 8                                      | -                               | 5                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1   | -                                    |                                |
| St. Mary Marylebone HHH G.J. & W.M.                     |  | 21118  | 24                                     | 7                                      | 4                               | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Christchurch Marylebone H - W.M.                        |  | 23700  | 15                                     | 10                                     | 1                               | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | 1   | -                                    |                                |
| St. John Marylebone H - W.M.                            |  | 33693  | 16                                     | 12                                     | 7                               | 2                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Hampstead WwHHHH N.R. & W.M.                            |  | 45452  | 26                                     | 11                                     | 2                               | 4                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -   | -                                    |                                |
| Regent's Park Paneras H - W.M.                          |  | 39115  | 21                                     | 8                                      | 3                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 7   | -                                    |                                |
| Tottenham-court WHHHH N.R. & W.M.                       |  | 27729  | 13                                     | 15                                     | 4                               | 2                                   | -          | -           | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1              | 4   | -                                    |                                |
| Gray's Ina Lane HHH - N.R.                              |  | 30247  | 16                                     | 13                                     | 3                               | 2                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Somers Town H - - N.R.                                  |  | 34369  | 20                                     | 9                                      | 2                               | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 8   | -                                    |                                |
| Camden Town WH - - N.R.                                 |  | 17311  | 18                                     | 13                                     | 3                               | 5                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | 3   | -                                    |                                |
| Kentish Town W - - N.R.                                 |  | 37487  | 56                                     | 27                                     | 6                               | 10                                  | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Upper Holloway WWwH - - N.R.                            |  | 67946  | 62                                     | 32                                     | 6                               | 8                                   | -          | -           | -              | -           | 1               | -       | 1                              | -                            | -          | -         | -              | 12  | -                                    |                                |
| Islington South-west HH - - N.R.                        |  | 10076  | 71                                     | 28                                     | 9                               | 4                                   | -          | -           | -              | 1           | 1               | -       | 1                              | -                            | 1          | 1         | 2              | 1   | -                                    |                                |
| Islington South-east - - N.R.                           |  | 61825  | 34                                     | 12                                     | 1                               | 4                                   | -          | 1           | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 2              | -   | -                                    |                                |
| Highbury H - - N.R.                                     |  | 52048  | 24                                     | 21                                     | 3                               | 8                                   | -          | -           | 1              | 1           | -               | -       | -                              | -                            | 1          | 1         | -              | -   | -                                    |                                |
| Stoke Newington H - - N.R.                              |  | 22731  | 21                                     | 9                                      | 2                               | 1                                   | -          | -           | -              | -           | 2               | -       | -                              | -                            | -          | 1         | 2              | -   | -                                    |                                |
| Stamford Hill - - E.L.                                  |  | 9277   | 6                                      | 3                                      | 1                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1   | -                                    |                                |
| West Hackney - - N.R.                                   |  | 37610  | 21                                     | 11                                     | 2                               | 2                                   | -          | -           | -              | 1           | -               | -       | -                              | -                            | -          | -         | 2              | 7   | -                                    |                                |
| Hackney WwWwH - - E.L. & N.R.                           |  | 76911  | 54                                     | 30                                     | 4                               | 7                                   | -          | -           | 5              | 1           | 1               | -       | 1                              | -                            | -          | -         | -              | -   | -                                    |                                |
| South Hackney - - E.L.                                  |  | 39983  | 31                                     | 11                                     | 4                               | 1                                   | -          | 1           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| CENTRAL DISTRICTS.                                      |  |  |  |  |                                 |                                     |            |             |                |             |                 |         |                                |                              |            |           |                |     |                                      |                                |
| St. George Bloomsbury - - N.R.                          |  | 14681  | 4                                      | 3                                      | 1                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. Giles South WH - - N.R.                             |  | 14894  | 23                                     | 8                                      | -                               | 4                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 4   | -                                    |                                |
| St. Giles North - - N.R.                                |  | 13837  | 8                                      | 3                                      | 1                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. Martin-in-the-Fields HH N.R. & C.                   |  | 17508  | 3                                      | 6                                      | -                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3   | -                                    |                                |
| St. Mary-le-Strand H - - N.R.                           |  | 7515   | 1                                      | 3                                      | -                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. Clement Danes H - - N.R.                            |  | 8559   | 8                                      | 9                                      | 2                               | 1                                   | -          | -           | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 8   | -                                    |                                |
| Strand Union Workhouse, Edmonton w.                     |  | -  | -                                      | 2                                      | -                               | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   | -                                    |                                |
| St. Geo.-the-Martyr HHHHHHH N.R.                        |  | 18671  | 11                                     | 10                                     | 3                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2   | -                                    |                                |
| St. Andrew Eastern W - - N.R.                           |  | 10796  | 9                                      | 5                                      | -                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. Andrew Eastern - - N.R.                             |  | 6583   | 2                                      | 1                                      | 1                               | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. James Clerkenwell - - N.R.                          |  | 17516  | 12                                     | 8                                      | 2                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. James Clerkenwell - - N.R.                          |  | 19281  | 16                                     | 8                                      | 3                               | 2                                   | -          | -           | -              | -           | 3               | -       | -                              | -                            | -          | 1         | 1              | -   | 1                                    |                                |
| Amwell Clerkenwell - - N.R.                             |  | 14773  | 11                                     | 4                                      | 2                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Pentonville - - N.R.                                    |  | 17508  | 15                                     | 4                                      | 2                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -   | -                                    |                                |
| Gooswell-street - - N.R.                                |  | 11541  | 9                                      | 6                                      | 1                               | 1                                   | -          | -           | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Old-street H - - N.R.                                   |  | 18828  | 18                                     | 10                                     | 3                               | -                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | 1   | -                                    |                                |
| City-road HHL - - N.R.                                  |  | 9217   | 12                                     | 3                                      | 2                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Whitecross-street - - N.R.                              |  | 7463   | 8                                      | 2                                      | 1                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Finsbury - - N.R.                                       |  | -  | -                                      | 1                                      | -                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   | -                                    |                                |
| Holborn Union Workhouse, Mitcham; w.                    |  | -  | -                                      | -                                      | -                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. Botolph H - - N.R. & E.L.                           |  | 11174  | 3                                      | 2                                      | 1                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Cripplegate - - N.R.                                    |  | 7193   | 1                                      | 1                                      | -                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| St. Sepulchre H - - N.R.                                |  | 8353   | 2                                      | 17                                     | 2                               | 1                                   | -          | -           | -              | -           | 1               | -       | 1                              | -                            | -          | -         | -              | 17  | -                                    |                                |
| St. Bride W - - N.R.                                    |  | 8396   | 2                                      | 1                                      | -                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Allhallows Barking - - N.R.                             |  | 13666  | -                                      | 2                                      | 1                               | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |
| Broad Street H - - N.R.                                 |  | 6652   | 1                                      | 1                                      | -                               | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   | -                                    |                                |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Work-  
houses; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands  
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signified  
Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E.L. East London  
and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
Friday, the 5th May, 1888.

|                                |             | The DEATHS registered in the Week include    |                                     |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
|--------------------------------|-------------|--|-------------------------------------|----------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS. |             | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total DEATHS during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
|                                |             |  |                                     |                                  | Deaths from                     |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
|                                |             |  |                                     |                                  | Infants under 1<br>Year of Age. | Persons aged 10<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unidentified Causes<br>of Death. |
| FAST DISTRICTS.                |             |  |                                     |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
| Well Shoreditch                | N.R. & E.L. | 7376   | 5                                   | 4                                | 1                               | -                                   | -          | -        | 1              | -           | 2               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| Leonard Shoreditch             | H.L.*       | 14667  | 12                                  | 4                                | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | -              |                                   |                                  |
| ton New Town                   | W           | 21387  | 28                                  | 13                               | 4                               | 7                                   | -          | -        | -              | -           | -               | -       | -                              | 1                            | 3          | 6         | -              |                                   |                                  |
| ton Old Town                   | -           | 28036  | 19                                  | 5                                | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 3          | 11        | -              |                                   |                                  |
| gerston                        | W.H.        | 46275  | 31                                  | 25                               | 6                               | 10                                  | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| ney-road                       | H-          | 29738  | 17                                  | 4                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              |                                   |                                  |
| en, Bethnal Green              | W.H.L.*     | 47532  | 45                                  | 25                               | 9                               | 4                                   | -          | -        | -              | 1           | -               | -       | 1                              | 1                            | 1          | 9         | -              |                                   |                                  |
| reb, Bethnal Green             | -           | 29681  | 26                                  | 3                                | 2                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | 1                            | 1          | -         | -              |                                   |                                  |
| n, Bethnal Green               | -           | 18910  | 14                                  | 2                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| Alfields                       | -           | 22585  | 21                                  | 9                                | 3                               | 2                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | 1          | -         | -              |                                   |                                  |
| End New Town                   | W           | 15473  | 21                                  | 8                                | 2                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 6         | -              |                                   |                                  |
| te-chapel Church               | H           | 17490  | 14                                  | 19                               | -                               | 2                                   | -          | -        | 2              | -           | -               | 1       | 5                              | 6                            | 17         | -         | -              |                                   |                                  |
| man's Fields                   | -           | 8713   | 6                                   | 1                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| gate                           | -           | 6102   | 1                                   | 4                                | -                               | -                                   | -          | -        | -              | -           | -               | 1       | -                              | 1                            | -          | -         | -              |                                   |                                  |
| George's, North                | -           | 28747  | 31                                  | 11                               | 6                               | 1                                   | -          | 1        | -              | -           | 1               | -       | 1                              | -                            | 1          | 4         | -              |                                   |                                  |
| ohn, St. George East           | W           | 8410   | 7                                   | 6                                | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| well                           | H.H.        | 16395  | 13                                  | 8                                | 4                               | 1                                   | -          | -        | -              | -           | -               | -       | 2                              | 2                            | 3          | -         | -              |                                   |                                  |
| H.H.                           | -           | 16107  | 8                                   | 2                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| house                          | -           | 82041  | 18                                  | 9                                | 3                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| End Old Town West              | -           | 37660  | 23                                  | 9                                | 2                               | 1                                   | -          | -        | 1              | 1           | -               | -       | -                              | -                            | 2          | -         | -              |                                   |                                  |
| End Old Town East              | W.H.        | 67633  | 40                                  | 21                               | 2                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 8          | -         | -              |                                   |                                  |
| -                              | -           | 37074  | 27                                  | 12                               | 2                               | 2                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| ley                            | W.H.        | 64859  | 52                                  | 36                               | 5                               | 10                                  | -          | -        | 1              | -           | 4               | -       | -                              | 2                            | 3          | 15        | -              |                                   |                                  |
| ar                             | W.H.        | 66077  | 33                                  | 19                               | 2                               | 4                                   | -          | -        | 1              | -           | 1               | -       | -                              | 1                            | 1          | 2         | -              |                                   |                                  |
| SOUTH DISTRICTS.               |             |  |                                     |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
| church Southwark               | W.H.        | 13663  | 10                                  | 5                                | 2                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              |                                   |                                  |
| avious Southwark               | -           | 14559  | 16                                  | 3                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| -road                          | -           | 21351  | 17                                  | 8                                | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| ugh-road                       | W.H.        | 16963  | 9                                   | 6                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | -              |                                   |                                  |
| on-road                        | H.L.        | 21316  | 16                                  | 10                               | 1                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -              |                                   |                                  |
| ry Newington                   | -           | 26672  | 21                                  | 9                                | 3                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | -              |                                   |                                  |
| eter Walworth                  | W           | 58555  | 45                                  | 23                               | 7                               | 7                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 2          | 4         | 1              |                                   |                                  |
| ary Newington                  | -           | 21653  | 21                                  | 6                                | 3                               | -                                   | -          | -        | -              | -           | 1               | -       | 1                              | -                            | -          | -         | -              |                                   |                                  |
| ave                            | W.H.        | 11956  | 9                                   | 16                               | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | 1                              | 1                            | 3          | 11        | -              |                                   |                                  |
| er Market                      | -           | 17300  | 15                                  | 8                                | 1                               | -                                   | -          | -        | -              | 5           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| ary Magdalen                   | W           | 16668  | 12                                  | 4                                | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| ames Bermondsey                | -           | 44683  | 39                                  | 18                               | 6                               | 1                                   | -          | 1        | -              | -           | -               | -       | 1                              | 1                            | 1          | -         | -              |                                   |                                  |
| erithe                         | W.H.        | 56024  | 38                                  | 16                               | 5                               | 7                                   | -          | -        | -              | 1           | -               | -       | 1                              | 1                            | 1          | 7         | -              |                                   |                                  |
| erloo-road 1st                 | H           | 15195  | 16                                  | 1                                | -                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| erloo-road 2nd                 | H           | 16241  | 12                                  | 4                                | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -              |                                   |                                  |
| eth Church 1st                 | H           | 18676  | 15                                  | 12                               | 1                               | -                                   | -          | -        | 1              | 2           | -               | -       | 1                              | 1                            | 1          | 8         | -              |                                   |                                  |
| eth Church 2nd                 | W.W.        | 38539  | 33                                  | 35                               | 5                               | 16                                  | -          | -        | -              | -           | -               | 1       | -                              | -                            | 3          | 21        | -              |                                   |                                  |
| ington 1st                     | -           | 45222  | 29                                  | 19                               | 6                               | 5                                   | -          | -        | -              | 2           | -               | -       | -                              | 1                            | -          | 1         | -              |                                   |                                  |
| ington 2nd                     | -           | 36322  | 24                                  | 5                                | -                               | 2                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| on                             | W           | 62857  | 42                                  | 21                               | 6                               | 7                                   | -          | -        | 1              | -           | -               | -       | 1                              | -                            | 1          | -         | 1              |                                   |                                  |
| ood                            | W.          | 15917  | 16                                  | 9                                | 4                               | 4                                   | -          | -        | -              | 1           | -               | -       | 1                              | -                            | -          | -         | -              |                                   |                                  |
| Battersea                      | -           | 54675  | 44                                  | 21                               | 7                               | 4                                   | -          | -        | -              | -           | -               | -       | 1                              | 1                            | 1          | -         | -              |                                   |                                  |
| Battersea                      | W.H.        | 51567  | 43                                  | 29                               | 5                               | 6                                   | -          | -        | -              | 1           | -               | -       | -                              | 2                            | 2          | 5         | -              |                                   |                                  |
| am                             | H           | 26820  | 20                                  | 11                               | 4                               | 2                                   | -          | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| isworth                        | W.H.        | 26004  | 31                                  | 10                               | 2                               | 3                                   | -          | -        | 1              | 1           | -               | -       | -                              | -                            | 1          | -         | -              |                                   |                                  |
| ay                             | -           | 13225  | 7                                   | 6                                | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| tham                           | -           | 25563  | 25                                  | 6                                | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| ch                             | -           | 5590   | 1                                   | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| erwell                         | W.L.*       | 29104  | 41                                  | 40                               | 4                               | 12                                  | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 17        | -              |                                   |                                  |
| am                             | W           | 71089  | 41                                  | 19                               | 3                               | 8                                   | -          | 1        | -              | 1           | -               | -       | -                              | 1                            | -          | -         | -              |                                   |                                  |
| orge Camberwell                | -           | 50610  | 33                                  | 14                               | 2                               | 1                                   | -          | 1        | -              | -           | 3               | -       | -                              | -                            | -          | 1         | -              |                                   |                                  |
| aul Deptford                   | W           | 76732  | 75                                  | 35                               | 14                              | 4                                   | -          | -        | 7              | -           | 3               | -       | -                              | -                            | -          | 9         | 1              |                                   |                                  |
| chelsea Deptford               | -           | 7101   | 6                                   | 3                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| wich West                      | H           | 21972  | 9                                   | 5                                | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              |                                   |                                  |
| wich East                      | W.H.        | 24603  | 12                                  | 14                               | 2                               | 4                                   | -          | -        | -              | 1           | -               | -       | -                              | 3                            | 6          | -         | -              |                                   |                                  |
| m                              | H           | 2048   | -                                   | 1                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| m                              | H           | 21529  | 17                                  | 5                                | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| am                             | W.H.        | 19865  | 19                                  | 10                               | 4                               | 2                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | -              |                                   |                                  |
| am                             | H           | 26076  | 25                                  | 10                               | 3                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| on                             | H           | 10980  | 3                                   | 5                                | -                               | 3                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | -              |                                   |                                  |
| rich Dockyard                  | -           | 17617  | 16                                  | 4                                | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| rich Arsenal                   | H.H.        | 19048  | 32                                  | 6                                | 2                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| read, West                     | H           | 14043  | 7                                   | 1                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| read, East                     | W           | 11241  | 23                                  | 10                               | 2                               | 2                                   | -          | -        | -              | 2           | -               | 1       | -                              | 1                            | 3          | -         | -              |                                   |                                  |
| Police Asylum Hospitals:       |             |  |                                     |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                  |
| erford                         | W           | -  | -                                   | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| inchmore Hill                  | W           | -  | -                                   | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |
| aintow                         | W           | -  | -                                   | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              |                                   |                                  |

Following WORKHOUSE ASSISTANCE receive inmates from other districts than the one in which they stand, and are indicated in the Table by w:-

rylstone Infirmary in Kensington Town sub-district.  
Royal London Dock Asylum in Tottenham Court-road sub-district.  
Urban Infirmary in Upper Holloway sub-district.  
in any Workhouse in Hackney sub-district.  
in " " in Brixton New Town sub-district.  
in " " in Mile End Old Town Eastern sub-district.  
in " " in Mile End Old Town Eastern sub-district.  
in " " in Brixton and Mile End sub-district.  
Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Foster & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 5th May, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Eneume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |                   |
|---|----------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|-------------------|
|   |                                  |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           | Inquest Cases. | Deaths in Public<br>Institutions. | Unofficial Causes |
|   |                                  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |                |                                   |                   |
|   |                                  |  |   |         |         |   |                                     |             |          |                |             |                 |        |            |           |                |                                   |                   |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957                                       | 777     | 383     | 94  | 118                                 | -           | -        | 3              | -           | 24              | 5      | 4          | 11        | 19             | 64                                |                   |
| 30:1  | Carshalton <i>wL</i> -           | 12228  | 21118   | 8       | 21      | 2   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 12                                |                   |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710   | 4       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                   |
| 37:1  | Godstone (part of)* -            | 2754   | 1235  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 38:1  | Croydon <i>WwHHL</i> -           | 20851  | 101241  | 66      | 32      | 8   | 7                                   | -           | -        | 2              | -           | 2               | -      | 1          | -         | -              | 2                                 |                   |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17932   | 9       | 6       | -   | 4                                   | -           | -        | -              | -           | 1               | -      | -          | 2         | 2              | -                                 |                   |
| 39:1  | Wimbledon <i>HHH</i> -           | 3220   | 15950   | 14      | 7       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                   |
| 2   | Kingston <i>WHH</i> -            | 8549   | 38354   | 19      | 7       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                   |
| 3   | Esher (part of)* -               | 6601   | 9221  | 14      | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 4   | Hampton <i>H</i> -               | 4573   | 18539   | 9       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 40:1  | Richmond <i>WH</i> -             | 2272   | 21302   | 11      | 8       | 1   | 6                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |                   |
| 2   | Mortlake -                       | 2941   | 12331   | 8       | 7       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 41:1  | Bromley (pt. of)* <i>HH</i>      | 15869  | 31142   | 19      | 5       | 4   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                   |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844   | 13      | 6       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |                   |
| 42:1  | Bexley <i>H</i> -                | 18487  | 24134   | 17      | 7       | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 124:1   | Sunbury <i>w</i> -               | 11055  | 11685   | 7       | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 2   | Staines <i>W</i> -               | 13277  | 12089   | 6       | 11      | 1   | 8                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 7                                 |                   |
| 125:1   | Hillingdon <i>WHH</i> -          | 6029   | 10802   | 8       | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |                   |
| 2   | Uxbridge -                       | 6178   | 5225  | 2       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 3   | Hayes <i>wHL</i> -               | 14387  | 11523   | 9       | 9       | -   | 5                                   | -           | -        | -              | -           | 1               | -      | -          | 1         | 3              | 5                                 |                   |
| 126:1   | Isleworth <i>WHH</i> -           | 7008   | 22727   | 17      | 7       | 1   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 3                                 |                   |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479   | 7       | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |                   |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649   | 13      | 6       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 4   | Chiswick -                       | 1340   | 15975   | 15      | 7       | 4   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | -                                 |                   |
| 5   | Acton <i>wH</i> -                | 6083   | 22376   | 15      | 8       | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                   |
| 127:1   | Harrow <i>H</i> -                | 13809  | 12796   | 12      | 7       | 3   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |                   |
| 2   | Edgware <i>H</i> -               | 6994   | 3749  | 2       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 3   | Willersden -                     | 4383   | 27453   | 29      | 14      | 5   | 2                                   | -           | -        | 1              | -           | -               | -      | 1          | 1         | 1              | -                                 |                   |
| 4   | Hendon <i>W</i> -                | 8382   | 10434   | 11      | 6       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 2                                 |                   |
| 128:1   | South Mimms -                    | 15599  | 6591  | 8       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 2   | Barnet -                         | 5433   | 10092   | 8       | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |                   |
| 3   | Finchley <i>HL</i> -             | 4638   | 17615   | 12      | 4       | 4   | 4                                   | -           | -        | -              | -           | 5               | -      | -          | -         | -              | 3                                 |                   |
| 129:1   | Hornsey <i>H</i> -               | 3039   | 37078   | 23      | 11      | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 2                                 |                   |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456   | 61      | 29      | 7   | 7                                   | -           | -        | -              | -           | 4               | 2      | 1          | -         | -              | 1                                 |                   |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23468   | 24      | 14      | 4   | 6                                   | -           | -        | -              | -           | 3               | -      | -          | -         | 1              | 6                                 |                   |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104   | 7       | 5       | 1   | -                                   | -           | -        | -              | -           | 1               | 1      | -          | -         | -              | 2                                 |                   |
| 5   | Waltham Abbey -                  | 11017  | 8368  | 4       | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                   |
| 6   | Cheshunt -                       | 8480   | 7735  | 8       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |                   |
| 135:1   | Hatfield (part of)* -            | 3806   | 583   | -       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 137:1   | Bushey -                         | 9331   | 6621  | 5       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 138:1   | Stratford -                      | 882  | 38606   | 38      | 17      | 5   | 6                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -              | 1                                 |                   |
| 2   | West Ham <i>wvwwH†</i> -         | 7351   | 101053  | 129     | 50      | 21  | 6                                   | -           | -        | -              | -           | 3               | 1      | -          | 1         | 1              | 1                                 |                   |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430   | 35      | 17      | 3   | 7                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 2              | 5                                 |                   |
| 4   | Walthamstow <i>H</i> -           | 6520   | 28869   | 29      | 7       | 2   | 2                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 |                   |
| 137:1   | Chigwell (part of)* <i>H</i>     | 11761  | 9639  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 139:1   | Romford (part of)* -             | 6730   | 3411  | 2       | 1       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |                   |
| 2   | Ilford -                         | 8493   | 7845  | 5       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |
| 3   | Barking Town -                   | 4127   | 9203  | 10      | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                   |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Catshaw and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 5th May, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |  | Deaths in Public<br>Institutions. |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  |  |                                   |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |  |                                   |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |            |           |     |  |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 17.1  | 1.9                                   | 1812                             | 418                                       | 474  | -           | 14       | 36                | 15          | 111                 | 17     | 23         | 50        | 396 |  |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 17.4  | 2.1                                   | 1420                             | 324                                       | 356  | -           | 14       | 23                | 15          | 87                  | 12     | 19         | 39        | 332 |  |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 16.1  | 1.5                                   | 383                              | 94  | 118  | -           | -        | 3                 | -           | 24                  | 5      | 4          | 11        | 64  |  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres.

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,202 Persons.

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. | BIRTHS.                 | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                             |
|------------------------------|---------------------------------------|-----------------|-------------------------|---------|------------------------------------|--|
|                              |                                       | Week ending     | Exclusive of Stillborn. |         |                                    |  |
| CALCUTTA                     | 433,219                               | March 24        | -                       | 242     | 29.1                               | Fevers 67; cholera 70.                                     |
| BOMBAY                       | 773,196                               | April 10        | 318                     | 462     | 27.2                               | Fevers 59; cholera 65.                                     |
| MADRAS                       | 398,777                               | March 23        | 309                     | 296     | 33.7                               | Fevers 130; cholera 8; small-pox 27.                       |
| PARIS                        | 2,260,945                             | April 28        | 1238                    | 1002    | 23.3                               | Fevers 76; cholera 9; small-pox 3.                         |
| BRUSSELS (with 8 Faubourgs.) | 454,410                               | " 28            | 259                     | 179     | 20.1                               | Typhoid fever 15; diph. & croup 48; small-pox 9.           |
| AMSTERDAM                    | 389,916                               | " 28            | 263                     | 182     | 24.2                               | Typhus & typhd. fev. 3; whooping-cough 2.                  |
| ROTTERDAM                    | 193,658                               | " 28            | 123                     | 91      | 24.9                               | Diphtheria 3; croup 3; whooping-cough 3.                   |
| THE HAGUE                    | 149,477                               | " 28            | 107                     | 57      | 19.8                               | Whooping-cough 2.  |
| COPENHAGEN                   | 300,000                               | " 17            | 196                     | 158     | 27.5                               | Whooping-cough 3.  |
| STOCKHOLM                    | 216,807                               | " 21            | 172                     | 82      | 19.2                               | Diphtheria 8; scarlet fever 4.                             |
| CHRISTIANIA                  | 134,000                               | " 23            | 70                      | 66      | 25.3                               | Diphtheria and croup 3; whooping-cough 2.                  |
| ST. PETERSBURG               | 928,016                               | " 21            | -                       | 826     | 46.4                               | Diphtheria and croup 9.                                    |
| BERLIN                       | 1,413,603                             | " 14            | 775                     | 516     | 19.0                               | Typ. & typhd. fev. 33; diph. 7; scar. fev. 7; d. dis. 118. |
| HAMBURG (State)              | 529,091                               | " 21            | 336                     | 255     | 25.1                               | Diphtheria 18; whooping-cough 12.                          |
| DRESDEN                      | 259,142                               | " 14            | 163                     | 100     | 20.1                               | Diphtheria and croup 10; typh. & typhd. fev. 3; meas. 15.  |
| BRESLAU                      | 308,105                               | " 21            | 220                     | 142     | 24.2                               | Diphtheria and croup 5.                                    |
| MUNICH                       | 275,000                               | " 21            | 203                     | 139     | 26.3                               | Diphtheria 4.  |
| VIENNA                       | 800,836                               | " 21            | 574                     | 469     | 30.5                               | Diphtheria and croup 3; whooping-cough 5.                  |
| PRAGUE                       | 295,857                               | " 21            | -                       | 236     | 41.6                               | Diph. 9; small-pox 5; whooping-cough 8.                    |
| BUDA-PESTH                   | 442,787                               | " 21            | 325                     | 295     | 34.6                               | Small-pox 12; diph. 4; typhus 9; measles 6.                |
| TRIESTE                      | 156,042                               | " 21            | -                       | 94      | 31.3                               | Diphtheria 6; typ. & typhd. fev. 3; measles 6.             |
| ROME                         | 382,973                               | March 24        | 250                     | 189     | 25.7                               | -  |
| TURIN (10 days)              | 294,826                               | April 10        | 253                     | 225     | 27.9                               | Diph. 5; small-pox 2; typhd. fev. 2; mal. fev. 9.          |
| VENICE                       | 150,502                               | " 21            | 83                      | 84      | 29.1                               | Diph. 8; scar. fever 3; measles 3.                         |
| CAIRO                        | 374,938                               | " 12            | 348                     | 260     | 36.2                               | Diarrhoeal diseases 7.                                     |
| ALEXANDRIA                   | 231,396                               | " 12            | 192                     | 147     | 33.1                               | Typhd. fev. 9; diph. and croup 3; diarr. dis. 88.          |
| NEW YORK                     | 1,493,000                             | " 14            | -                       | 787     | 27.5                               | Diarrhoeal diseases 34.                                    |
| BROOKLYN                     | 774,870                               | " 14            | -                       | 288     | 19.4                               | Diph. 33; scar. fev. 32; small-pox 4.                      |
| PHILADELPHIA                 | 1,016,758                             | " 14            | -                       | 395     | 20.3                               | Diph. 21; scar. fev. 12; typhoid fever 2.                  |
| BALTIMORE                    | 437,155                               | " 14            | -                       | 144     | 17.2                               | Diphtheria 7; croup 4; sc. fev. 6; typhd. fev. 5.          |
|                              |                                       |                 |                         |         |                                    | Measles 9; croup 4.  |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 5th MAY, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.<br>MONTH AND<br>DAY. |  | Phases<br>of the<br>Moon. | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  | Rain<br>collected<br>in a<br>Gauge<br>whose<br>surface<br>receives<br>the<br>average<br>of the<br>ground.<br>Ozone. |  |
|----------------------------|--|---------------------------|---------------|--------------|-----------------|-------------------------|--|---|----------------|--------|---------------------------------|-------------------------------|------------------|--------------|--------------------|--|---------------------------------|---|------------------------|--|---|--|---|--|--|--|--|-------------|--|--|--|--|---|--|
|                            |  |                           | Of the Air.   |              |                 |                         |  | Of the<br>Air Temperature<br>and Dew Point. |                |        |                                 |                               | Of<br>Radiation. |              |                    |  |                                 | Of the Water<br>of the Thames<br>at Deptford. |                        |  |   |  | Oiler's.  |  |  |  |  | Robinson's. |  |  |  |  |   |  |
|                            |  |                           | High-<br>est. | Low-<br>est. | Daily<br>Range. | Mean<br>daily<br>value. | De-<br>parture<br>from<br>Average<br>of<br>20 years. | Mean<br>daily<br>value.                     | Great-<br>est. | Least. | High-<br>est in<br>the<br>Rays. | Lowest<br>in<br>the<br>Grass. | High-<br>est.    | Low-<br>est. | General Direction. |  | Pressure on the<br>Square Foot. |   | Mean<br>hourly<br>obs. |  | Horizontal<br>Movement<br>of the Air<br>on each<br>Day. |  | Departure<br>from<br>Average<br>of the<br>10 Years. |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |
|                            |  |                           | TEMPERATURE.  |              |                 |                         |  |   |                |        |                                 |                               | TEMPERATURE.     |              |                    |  |                                 |   |                        |  |   |  | Wind as deduced from Anemometers.                   |  |  |  |  |             |  |  |  |  |   |  |

The height of the eastern of the barometer is 159 feet above the mean level of the sea, no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the thirty years ending 1887 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hydro-metrical Tables. The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: -P, positive; N, negative; v, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

## GENERAL REMARKS.

|               |  |      |      |  |
|---------------|--|------|------|--|
| SUNDAY . 29   | w. P. increasing to<br>m. P.   | 1.2  | 14.7 | Generally cloudy till evening; cloudless at night.   |
| MONDAY . 30   | m. P. generally  | 11.0 | 14.7 | A very fine day. The amount of cloud was small.  |
| MAY.          |  |      |      |  |
| TUESDAY . 1   | w. P. and w. N.  | 4.2  | 14.8 | Light showers in early morning; cloudy till evening; cloudless at night. Wind.                                   |
| WEDNESDAY . 2 | w. P. in morning;<br>v. N. in afternoon;<br>m. P. from evening.                    | 0.9  | 14.8 | Overcast till evening, with rain throughout afternoon; variable at night; cloudless after 10h. P.M. Strong wind. |
| THURSDAY . 3  | m. P. in morning;<br>v. N. and v. P. till<br>evening; m. P. at<br>night.           | 7.9  | 14.9 | Fine generally; partially cloudy till evening, with<br>showers in afternoon; cloudless at night. Strong<br>wind. |
| FRIDAY . 4    | m. P. till 9h. A.M.;<br>w. N. and v. P. till<br>7h. P.M.; m. P. after-<br>wards.   | 10.7 | 14.9 | Fine; partially cloudy. !  |
| SATURDAY . 5  | v. P. till 9h. A.M.;<br>v. P. and w. N. till<br>5h. P.M.; m. P. inter-<br>mediate. | 7.3  | 15.0 | Fine; partially cloudy.  |
|               |  | Sum  | Sum  |  |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 19. 1888. VOL. XLIX.]      WEEK ENDING SATURDAY, MAY 12.      [Price 1½d.

General Register Office, Somerset House,  
14th May, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·6 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |           |            | TOWNS.             | Weeks ending |             |           |            |
|--------------|--------------|-------------|-----------|------------|--------------------|--------------|-------------|-----------|------------|
|              | Apr.<br>21.  | Apr.<br>28. | May<br>5. | May<br>12. |                    | Apr.<br>21.  | Apr.<br>28. | May<br>5. | May<br>12. |
| Birkenhead   | 19·8         | 20·9        | 15·1      | 18·8       | Liverpool -        | 19·7         | 21·3        | 17·5      | 17·2       |
| Birmingham   | 21·3         | 17·1        | 18·6      | 15·7       | London -           | 18·9         | 17·5        | 17·4      | 16·6       |
| Blackburn -  | 25·4         | 25·9        | 24·6      | 22·8       | Manchester -       | 23·9         | 24·8        | 27·6      | 21·9       |
| Bolton -     | 19·8         | 14·7        | 23·9      | 26·7       | Newcastle-on-Tyne* | 21·3         | 16·1        | 22·0      | 21·7       |
| Bradford*    | 17·9         | 19·5        | 17·0      | 17·0       | Norwich -          | 16·7         | 19·5        | 21·2      | 19·5       |
| Brighton -   | 15·7         | 16·1        | 17·8      | 14·3       | Nottingham*        | 18·8         | 18·3        | 16·0      | 19·2       |
| Bristol -    | 21·2         | 17·3        | 18·9      | 18·9       | Oldham -           | 29·1         | 22·7        | 20·0      | 19·3       |
| Cardiff*     | 18·7         | 22·6        | 16·3      | 12·5       | Plymouth -         | 29·6         | 18·8        | 24·8      | 21·5       |
| Derby -      | 15·7         | 17·3        | 18·4      | 14·1       | Portsmouth -       | 20·9         | 18·7        | 12·7      | 18·3       |
| Halifax -    | 24·7         | 20·2        | 18·2      | 24·7       | Preston -          | 23·2         | 22·2        | 26·3      | 17·7       |
| Huddersfield | 21·7         | 20·0        | 18·3      | 16·6       | Salford* -         | 20·5         | 21·0        | 28·1      | 19·6       |
| Hull -       | 16·5         | 14·7        | 17·0      | 19·1       | Sheffield -        | 21·1         | 21·6        | 19·1      | 14·8       |
| Leeds -      | 22·4         | 20·7        | 18·7      | 19·6       | Sunderland -       | 16·2         | 18·2        | 15·8      | 17·0       |
| Leicester*   | 17·8         | 23·5        | 19·9      | 18·5       | Wolverhampton -    | 21·1         | 24·3        | 21·7      | 23·6       |

The highest annual death-rates from *measles* were 0·5 in Nottingham and 0·9 in Bradford; from *scarlet fever*, 1·1 in Huddersfield and 1·8 in Blackburn; from *whooping-cough*, 1·1 in Derby, 1·4 in Manchester, and 3·2 in Salford; and from "*fever*," 0·7 in Leicester and 0·9 in Nottingham. The 26 deaths from *diphtheria* in the twenty-eight towns included 15 in London, 2 in Norwich, and 2 in Liverpool. *Small-pox* caused 3 deaths in Sheffield, one in Manchester, one in Preston, and one in Leeds, but not one in any of the twenty-three other large provincial towns, or in London.

## LONDON.

In LONDON† 2574 BIRTHS and 1360 DEATHS were registered. Allowing for increase of population, the births were 226, and the deaths 249, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined in the four preceding weeks from 20·6 to 17·4, further fell last week to 16·6, and was lower than in any

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



previous week since the beginning of October last. During the first six weeks of the current quarter the death-rate averaged 18·4 per 1000, and was 2·9 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1360 deaths included 22 from measles, 19 from scarlet fever, 15 from diphtheria, 52 from whooping-cough, 9 from enteric fever, 1 from an undefined form of continued fever, 14 from diarrhoea and dysentery, 1 from infantile cholera, and not one from small-pox or from typhus; thus, 133 deaths were referred to these diseases, being 102 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 23. There were 11 small-pox patients under treatment in the Metropolitan Asylum Hospitals at the end of last week, against 21 and 16 on the two preceding Saturdays; and 1 in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 16 and 14 in the two preceding weeks, rose last week to 22, but were 43 below the corrected average; 5 belonged to Kensington, and 5 to Hackney sanitary areas. The deaths from *scarlet fever*, which had been 15 and 23 in the previous two weeks, declined again last week to 19, and were 7 below the corrected average; 2 belonged to Hackney, 3 to St. Luke's, 3 to Lambeth, 2 to Battersea, and 2 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 904 scarlet fever patients (there were also 75 in the London Fever Hospital), against 967 and 921 in the two preceding weeks; 91 cases were admitted to the Metropolitan Asylum Hospitals during the week, against 91, 79, and 70 in the three previous weeks. The 15 deaths referred to *diphtheria* corresponded with the number in the preceding week, and exceeded the corrected average by one; 2 belonged to Kensington sanitary area. The fatal cases of *whooping-cough*, which had been 80 and 87 in the two preceding weeks, declined last week to 52, and were 33 below the corrected average; 4 belonged to Paddington, 4 to Kensington, 6 to Pancras, and 4 to St. George Southwark sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had been 23, 17, and 19 in the three preceding weeks, declined last week to 14, but exceeded the corrected average by 2; 7 were of infants aged under one year. The death of an infant aged 5 months was referred to cholera infantum.

The deaths referred to *enteric fever*, which had been 13, 7, and 11 in the preceding three weeks, declined again last week to 9, and were one below the corrected average. The death of a male, aged 61 years, in Newington sanitary area, was indefinitely referred to continued fever. The Metropolitan Asylum Hospitals contained 99 cases of enteric fever, and not one of typhus, on Saturday last; 6 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had declined in the four preceding weeks from 444 to 287, further fell last week to 260, and were 74 below the corrected average.

Different forms of violence caused 51 deaths; 38 were the result of negligence or accident, among which were 14 from fractures and contusions, 2 from burns and scalds, 5 from drowning, 2 from poison, and 13 of infants under one year of age from suffocation. The 14 deaths from fractures and contusions were thus caused:—4 by accidents from vehicles in the street; 3 by fall from window; 1 by fall in lift; 1 by fall into dock; 1 by fall at play; 1 by fall against wall; 1 by injuries from machinery; and 2 by fall, the nature of which was not stated. An inquest was held in each of these 14 cases. Twelve cases of suicide were registered, being 3 above the corrected average.

#### GREATER LONDON.

In Greater London 3365 births and 1710 deaths were registered, corresponding to annual rates of 31·8 and 16·1 per 1000 of the population. In the Outer Ring 16 fatal cases of whooping-cough were registered, of which 2 occurred in Bexley, 2 in Tottenham, 2 in West Ham, and 2 in Walthamstow sub-districts.

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Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during April will be found on pages 191-192.

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## METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·16 in.; the lowest reading was 30·02 in. on Tuesday afternoon, and the highest 30·30 in. on Friday morning. The mean temperature of the *air* was 52°·8, and 1°·4 above the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on each of the first three days, whereas it was below the average during the remainder of the week. The general direction of the *wind* was variable, and the horizontal movement of the air averaged 10·1 miles per hour, which was 0·3 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The Duration of registered bright sunshine in the week was 51·0 hours, against 56·4 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of APRIL 1888; according to their returns 153,608,044 gallons or 697,912 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 209 gallons (5·0 decalitres), rather less than a *ton* by weight, to each house, and 26·7 gallons (12·1 decalitres) to each person, against 27·9 gallons during April 1887.

| COMPANIES.                              | Number of Houses, &c.<br>supplied in |                 | Average daily Supply of Water<br>in Gallons. |                 |
|---|--------------------------------------|-----------------|--|-----------------|
|   | APRIL.<br>1887.                      | APRIL.<br>1888. | APRIL.<br>1887.                              | APRIL.<br>1888. |
| TOTAL SUPPLY . . . .                    | 723,469                              | 736,622         | 157,265,984                                  | 153,608,044     |
| From Thames . . . . .                   | 348,918                              | 354,964         | 80,486,209                                   | 77,925,367      |
| From Lea and from other Sources . . . . | 374,551                              | 381,658         | 76,779,775                                   | 76,282,677      |
| THAMES.                                 |                                      |                 |  |                 |
| Chelsea . . . . .                       | 34,330                               | 34,474          | 9,178,085                                    | 9,048,073       |
| West Middlesex . . . . .                | 68,801                               | 70,217          | 14,301,403                                   | 14,242,916      |
| Southwark and Vauxhall . . . . .        | 107,604                              | 109,242         | 22,723,071                                   | 22,339,248      |
| Grand Junction . . . . .                | 53,153                               | 54,070          | 16,531,450                                   | 15,705,331      |
| Lambeth . . . . .                       | 84,970                               | 86,961          | 17,752,400                                   | 15,989,800      |
| LEA AND OTHER SOURCES.                  |                                      |                 |  |                 |
| New River . . . . .                     | 148,411                              | 150,060         | 28,462,000                                   | 27,528,000      |
| East London . . . . .                   | 157,608                              | 161,137         | 36,599,009                                   | 37,559,425      |
| Kent . . . . .                          | 68,532                               | 70,461          | 11,718,766                                   | 11,197,262      |

*Note.*—The Return for April 1888, compared with that for the corresponding month of 1887, shows an increase of 13,153 houses, and a decrease of 3,657,940 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING APRIL.

Grove House, Pembridge Square, W.,  
11th May, 1888.

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of April.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·5, Colne Valley 0·8, Tottenham 0·8, New River 0·9, West Middlesex 2·8, Grand Junction 2·9, Lambeth 3·3, Southwark and East London 3·4, Chelsea 3·5.

The Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies contained in every case considerably less organic matter than in the previous month's samples, the absolute amount being small for river water. All the samples were clear and bright on delivery.

Of the water principally drawn from the Lea, the New River Company's supply exhibited a similar reduction in the organic matter, which fell to its usually small amount; the East London Company's water, on the other hand, contained rather more organic matter than in the previous month, although the actual amount was not in excess of that present in some of the Thames waters. Both samples were clear and bright.

The deep-well water of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health contained as usual only a very small proportion of organic matter, and the Colne Valley Company, by softening their supply with lime, thereby rendered it also of excellent quality for washing and all domestic uses.



Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, Tottenham, and New River, clear and colourless; Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, and East London, clear and pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town “presented an improvement in all respects on the March sample.”

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was “light brown in colour and contained a little suspended matter.”

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES.        |                    | Date<br>and Place of Collection.                                 | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|---|--------------------|--|---------------------------------------|---------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                             | THAMES.            |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|   | Chelsea - - -      | { April 24th,<br>Cab Rank, Horseguards,<br>Whitehall. }          | 9·5                                   | 28·94                     | ·165            | ·041              | 0        | ·265                                     | ·306                        | 1·9       | 19·4            |
|   | West Middlesex -   | { April 24th,<br>Cab Rank, Portland-road. }                      | 10·5                                  | 28·94                     | ·147            | ·021              | 0        | ·246                                     | ·267                        | 1·8       | 18·9            |
|   | Southwark - - -    | { April 24th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. } | 9·7                                   | 29·30                     | ·161            | ·037              | 0        | ·228                                     | ·265                        | 2·0       | 19·7            |
|   | Grand Junction -   | { April 24th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. } | 10·0                                  | 27·24                     | ·144            | ·026              | 0        | ·219                                     | ·245                        | 1·8       | 18·9            |
|   | Lambeth - - -      | { April 24th,<br>Cab Rank, St. George's-<br>road, Southwark. }   | 10·3                                  | 28·84                     | ·160            | ·033              | 0        | ·259                                     | ·292                        | 1·9       | 19·4            |
|   | LEA.               |  |                                       |                           |                 |                   |          |  |                             |           |                 |
| Outer Circle.                             | New River - - -    | { April 24th,<br>Cab Rank, Tottenham<br>Court-road. }            | 10·3                                  | 27·66                     | ·036            | ·018              | 0        | ·224                                     | ·242                        | 1·9       | 18·9            |
|   | East London - -    | { April 24th,<br>Fire Brigade Station,<br>Commercial-road, E. }  | 9·5                                   | 32·90                     | ·162            | ·036              | 0        | ·297                                     | ·333                        | 2·1       | 20·9            |
|   | DEEP WELLS.        |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|   | Kent - - - - -     | { April 24th,<br>Mill Lane, Deptford. }                          | 12·3                                  | 41·84                     | ·026            | ·011              | 0        | ·423                                     | ·439                        | 2·5       | 29·7            |
|   | { Colne Valley - - | { April 24th,<br>Bushey. }                                       | —                                     | 16·90                     | ·035            | ·013              | 0        | ·454                                     | ·467                        | 1·9       | 6·9             |
|   | { Tottenham - - -  | { April 24th,<br>Tottenham. }                                    | —                                     | 40·00                     | ·035            | ·014              | ·060     | ·011                                     | ·074                        | 2·8       | 22·1            |
| Corporation of Birming-<br>ham* - - - - - |                    | { April 4th,<br>30, Court, Sherlock-street. }                    | 5·6                                   | 26·22                     | ·178            | ·023              | 001      | ·209                                     | ·233                        | 1·5       | 13·8            |
| Corporation of Glasgow†                   |                    | { April 16th,<br>Loch Katrine Water. }                           | 5·8                                   | 2·50                      | ·132            | ·027              | 0        | ·004                                     | ·031                        | ·7        | 1·1             |
| Column 1.                                 |                    | 2.   | 3.                                    | 4.                        | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—the Chelsea Company's water, collected on the 24th April at the Horseguards cab-rank, had a temperature of 9·5 C.; 100,000 lbs. of it contained 28·94 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·165 lb. of carbon and ·041 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·265 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·306 lb. The above weight of water also contained 1·9 lbs. of chlorine; and 19·4 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

| CITIES<br>AND<br>BOROUGH. | Registered during<br>the Week ending<br>May 12th, 1886. |  |  | The DEATHS registered in the Week include |          |                   |             |                     |          |            |           |                |                                      | TEMPERATURE OF THE AIR.        |   |                                     |         |          | RAINFALL.   |             | CITIES<br>AND<br>BOROUGH. |               |             |      |                |
|---------------------------|---|--|--|---|----------|-------------------|-------------|---------------------|----------|------------|-----------|----------------|--------------------------------------|--------------------------------|---|-------------------------------------|---------|----------|-------------|-------------|---------------------------|---------------|-------------|------|----------------|
|                           | POPULATION<br>estimated<br>to the<br>middle of<br>1886. | Deaths of<br>Persons aged<br>1 Year of<br>Age. |  | Small-pox.                                | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Typhoid. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unrecorded<br>Causes of Death. | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths. |                                     |         | Mean.    |             |             |                           | In<br>Inches. | In<br>Cent. |      |                |
|                           |   | Infants under<br>1 Year of<br>Age.             | Persons aged<br>60 Years<br>and upwards. |   |          |                   |             |                     |          |            |           |                |                                      |                                | From All<br>Causes.   | From<br>Deaths in<br>Week's Deaths. | Lowest. | Highest. | Fahrenheit. | Centigrade. |                           |               |             |      |                |
| Col.                      | 1.  | 2.   | 3.                                       | 4.  | 5.       | 6.                | 7.          | 8.                  | 9.       | 10.        | 11.       | 12.            | 13.                                  | 14.                            | 15.   | 16.                                 | 17.     | 18.      | 19.         | 20.         | 21.                       | 22.           | 23.         | 24.  | Col.           |
| 28 TOWNS*                 | 9,398,273   | 5696   | 3174                                     | 738                                       | 742      | 6                 | 40          | 45                  | 26       | 109        | 29        | 32             | 119                                  | 214                            | 576   | 63                                  | 17'6    | 1'6      | 72'0        | 31'0        | 48'7                      | 9'28          | 0'02        | 0'05 | - 28 TOWNS.    |
| LONDON*                   | 4,282,921   | 2574   | 1360                                     | 319                                       | 321      | -                 | 22          | 19                  | 15       | 52         | 10        | 14             | 51                                   | 106                            | 305   | 15                                  | 16'6    | 1'6      | 71'8        | 33'8        | 52'3                      | 11'28         | 0'00        | 0'00 | LONDON.        |
| BRIGHTON                  | 119,983   | 56   | 33                                       | 5   | 11       | -                 | -           | -                   | -        | 1          | -         | 2              | -                                    | 3                              | 10  | 1                                   | 14'3    | 1'3      | 64'6        | 36'8        | 47'9                      | 8'83          | 0'00        | 0'00 | BRIGHTON.      |
| PORTSMOUTH                | 139,575   | 88   | 49                                       | 10  | 16       | -                 | 1           | -                   | -        | -          | -         | -              | -                                    | 3                              | 3   | -                                   | 18'3    | 0'4      | -           | -           | -                         | -             | -           | -    | PORTSMOUTH.    |
| NORWICH                   | 93,675  | 66   | 35                                       | 9   | 12       | -                 | -           | -                   | 2        | 1          | -         | -              | 1                                    | 1                              | 3   | -                                   | 19'5    | 1'7      | -           | -           | -                         | -             | -           | -    | NORWICH.       |
| PLYMOUTH                  | 77,674  | 42   | 32                                       | 5   | 11       | -                 | 1           | -                   | 1        | -          | 1         | -              | 2                                    | 4                              | 3   | -                                   | 21'5    | 2'7      | 62'8        | 40'0        | 50'3                      | 10'17         | 0'01        | 0'03 | PLYMOUTH.      |
| BRISTOL                   | 226,510   | 116  | 82                                       | 18  | 20       | -                 | 1           | 2                   | -        | -          | -         | -              | 2                                    | 4                              | 14  | 3                                   | 18'9    | 0'7      | 66'0        | 33'2        | 48'5                      | 9'17          | 0'14        | 0'36 | BRISTOL.       |
| WOLVERHAMPTON             | 81,601  | 56   | 37                                       | 5   | 11       | -                 | -           | -                   | 1        | 1          | -         | 2              | 4                                    | 5                              | 4   | -                                   | 23'6    | 2'6      | 66'9        | 32'7        | 47'3                      | 8'50          | 0'03        | 0'08 | WOLVERHAMPTON. |
| BIRMINGHAM                | 447,912   | 297  | 135                                      | 29  | 34       | -                 | 2           | 1                   | -        | 5          | 1         | 1              | 3                                    | 6                              | 21  | 2                                   | 15'7    | 1'2      | -           | -           | -                         | -             | -           | -    | BIRMINGHAM.    |
| LEICESTER*                | 146,790   | 92   | 52                                       | 14  | 16       | -                 | 1           | -                   | -        | 2          | 2         | -              | 4                                    | 9                              | 11  | 1                                   | 18'5    | 1'1      | -           | -           | -                         | -             | -           | -    | LEICESTER.     |
| NOTTINGHAM*               | 230,921   | 154  | 85                                       | 22  | 21       | -                 | 2           | 2                   | -        | 2          | 4         | -              | 1                                    | 2                              | 13  | 1                                   | 19'2    | 2'3      | 68'8        | 34'0        | 48'5                      | 9'17          | 0'00        | 0'00 | NOTTINGHAM.    |
| DERBY                     | 162,411   | 55   | 26                                       | 11  | 3        | -                 | -           | -                   | -        | 2          | -         | -              | -                                    | 1                              | 5   | 2                                   | 14'1    | 1'1      | -           | -           | -                         | -             | -           | -    | DERBY.         |
| BIRKENHEAD                | 100,003   | 67   | 36                                       | 5   | 9        | -                 | -           | 1                   | 1        | -          | -         | 1              | 1                                    | 1                              | 8   | -                                   | 18'8    | 1'6      | -           | -           | -                         | -             | -           | -    | BIRKENHEAD.    |
| LIVERPOOL                 | 659,738   | 342  | 198                                      | 42  | 40       | -                 | 1           | 1                   | 2        | 6          | 2         | 2              | 7                                    | 9                              | 35  | 7                                   | 17'2    | 1'2      | 65'0        | 39'5        | 48'7                      | 9'28          | 0'00        | 0'00 | LIVERPOOL.     |
| LONDON                    | 113,506   | 71   | 58                                       | 11  | 17       | -                 | 1           | -                   | -        | 1          | 1         | -              | 1                                    | 3                              | 7   | 1                                   | 26'7    | 1'4      | -           | -           | -                         | -             | -           | -    | LONDON.        |
| MANCHESTER                | 378,164   | 246  | 159                                      | 46  | 28       | 1                 | 1           | 2                   | -        | 10         | 2         | 1              | 6                                    | 11                             | 38  | 7                                   | 21'9    | 2'3      | -           | -           | -                         | -             | -           | -    | MANCHESTER.    |
| SALFORD*                  | 226,336   | 149  | 85                                       | 21  | 16       | -                 | -           | 2                   | 1        | 14         | -         | -              | 3                                    | 3                              | 8   | 5                                   | 19'6    | 3'9      | -           | -           | -                         | -             | -           | -    | SALFORD.       |
| OLDHAM                    | 138,220   | 97   | 51                                       | 16  | 6        | -                 | -           | -                   | 1        | -          | 1         | -              | 2                                    | 4                              | 8   | 1                                   | 19'3    | 0'8      | -           | -           | -                         | -             | -           | -    | OLDHAM.        |
| BLACKBURN                 | 119,039   | 58   | 52                                       | 14  | 11       | -                 | -           | 4                   | -        | 2          | 1         | -              | -                                    | -                              | 5   | -                                   | 22'8    | 3'1      | -           | -           | -                         | -             | -           | -    | BLACKBURN.     |
| PRESTON                   | 103,234   | 91   | 35                                       | 7   | 5        | 1                 | -           | 1                   | -        | -          | -         | -              | -                                    | 1                              | 2   | 1                                   | 17'7    | 1'0      | 63'0        | 39'0        | 49'2                      | 9'56          | 0'00        | 0'00 | PRESTON.       |
| HUDDESFIELD               | 91,419  | 34   | 29                                       | 6   | 8        | -                 | -           | 2                   | 1        | 1          | -         | -              | -                                    | 2                              | 2   | 1                                   | 16'6    | 2'3      | -           | -           | -                         | -             | -           | -    | HUDDESFIELD.   |
| HALIFAX                   | 80,138  | 39   | 38                                       | 6   | 14       | -                 | 1           | 1                   | -        | 1          | -         | -              | -                                    | 2                              | 7   | 2                                   | 24'7    | 2'0      | -           | -           | -                         | -             | -           | -    | HALIFAX.       |
| BRADFORD*                 | 228,721   | 127  | 75                                       | 14  | 11       | -                 | 4           | -                   | -        | -          | 1         | -              | 1                                    | 3                              | 6   | 2                                   | 17'0    | 1'1      | 66'0        | 37'0        | 49'2                      | 9'56          | 0'00        | 0'00 | BRADFORD.      |
| LEEDS                     | 351,210   | 189  | 132                                      | 27  | 32       | 1                 | -           | 2                   | -        | 4          | 1         | 3              | 9                                    | 15                             | 15  | -                                   | 19'6    | 1'6      | -           | -           | -                         | -             | -           | -    | LEEDS.         |
| SHEFFIELD                 | 321,711   | 175  | 91                                       | 19  | 17       | 3                 | 1           | 4                   | 1        | 1          | 1         | 2              | 4                                    | 8                              | 14  | 3                                   | 14'8    | 2'1      | -           | -           | -                         | -             | -           | -    | SHEFFIELD.     |
| HULL                      | 202,359   | 112  | 74                                       | 20  | 18       | -                 | -           | 1                   | 1        | 1          | 2         | 1              | 5                                    | 5                              | 5   | 6                                   | 19'1    | 1'3      | 72'0        | 31'0        | 47'6                      | 8'67          | 0'00        | 0'00 | HULL.          |
| SUNDERLAND                | 131,919   | 90   | 43                                       | 14  | 9        | -                 | -           | -                   | -        | -          | -         | -              | 2                                    | 3                              | 5   | -                                   | 17'0    | 0'4      | 67'0        | 34'0        | 47'5                      | 8'61          | 0'00        | 0'00 | SUNDERLAND.    |
| NEWCASTLE*                | 179,003   | 131  | 66                                       | 17  | 20       | -                 | 1           | -                   | -        | 2          | -         | -              | 3                                    | 3                              | 11  | 1                                   | 21'7    | 1'0      | 60'0        | 38'0        | 47'4                      | 8'56          | 0'00        | 0'00 | NEWCASTLE.     |
| CARDIFF*                  | 108,570   | 82   | 26                                       | 6   | 5        | -                 | -           | -                   | -        | 1          | -         | 1              | 2                                    | 2                              | 2   | 1                                   | 12'5    | 1'0      | -           | -           | -                         | -             | -           | -    | CARDIFF.       |
| EDINBURGH                 | 262,733   | 154  | 107                                      | 16  | 35       | -                 | -           | -                   | -        | 2          | 1         | 2              | 4                                    | 9                              | 14  | 15                                  | 21'3    | 1'0      | 61'8        | 33'5        | 50'5                      | 10'28         | 0'05        | 0'13 | EDINBURGH.     |
| GLASGOW                   | 626,088   | 379  | 246                                      | 58  | 41       | -                 | 10          | 1                   | 1        | 15         | -         | -              | 7                                    | 9                              | 34  | 33                                  | 24'4    | 2'7      | 61'7        | 32'0        | 43'5                      | 9'17          | 0'11        | 0'23 | GLASGOW.       |
| DUBLIN                    | 363,082   | 192  | 156                                      | 29  | 37       | -                 | 1           | 4                   | -        | 9          | 2         | 1              | 4                                    | 4                              | 48  | 22                                  | 23'1    | 2'5      | 67'5        | 32'0        | 49'5                      | 9'72          | 0'22        | 0'56 | DUBLIN.        |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the NINETEENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2443 | 2520 | 2687 | 2561 | 2569 | 2637 | 2811 | 2544 | 2424 | 2481 | 2800·0   | 2574 |
| Males . .           | 1226 | 1303 | 1377 | 1348 | 1305 | 1335 | 1391 | 1318 | 1244 | 1263 | 1429·6   | 1308 |
| Females .           | 1217 | 1217 | 1310 | 1213 | 1264 | 1302 | 1420 | 1226 | 1180 | 1218 | 1370·4   | 1266 |
| <b>TOTAL Deaths</b> | 1883 | 1582 | 1389 | 1427 | 1433 | 1653 | 1586 | 1496 | 1414 | 1395 | 1609·3   | 1360 |
| Males . .           | 727  | 852  | 698  | 727  | 705  | 868  | 819  | 784  | 703  | 731  | 830·3  | 715  |
| Females .           | 656  | 730  | 691  | 700  | 728  | 785  | 767  | 712  | 711  | 664  | 779·0  | 645  |

The numbers in this column are the average weekly numbers in the nineteenth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Feb.<br>18. | Feb.<br>25. | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. | May<br>5. | May<br>12. |
|--|-------------|-------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-----------|------------|
| <b>TOTAL Births</b>                      | -           | -           | 2569       | 2473        | 2778        | 2583        | 2629        | 2522       | 2492        | 2588        | 2331        | 2579      | 2577       |
| <b>TOTAL Deaths</b>                      | -           | -           | 1689       | 1772        | 1794        | 1886        | 1604        | 1655       | 1668        | 1593        | 1692        | 1551      | 1437       |
| 0-20                                     | -           | -           | 763        | 772         | 795         | 811         | 698         | 715        | 747         | 716         | 800         | 631       | 628        |
| 20-40                                    | -           | -           | 178        | 199         | 215         | 223         | 201         | 197        | 183         | 189         | 215         | 212       | 177        |
| 40-60                                    | -           | -           | 300        | 331         | 313         | 300         | 275         | 285        | 340         | 270         | 278         | 265       | 277        |
| 60-80                                    | -           | -           | 353        | 388         | 391         | 465         | 353         | 384        | 329         | 320         | 335         | 310       | 302        |
| at 80 years & upwds.                     | -           | -           | 95         | 82          | 80          | 87          | 77          | 74         | 69          | 98          | 64          | 83        | 53         |
| Deaths of children { Under 1 year        | -           | -           | 360        | 351         | 371         | 424         | 332         | 361        | 366         | 346         | 395         | 367       | 329        |
| { 1-5                                    | -           | -           | 304        | 320         | 302         | 281         | 274         | 254        | 273         | 263         | 302         | 229       | 209        |
| { 5-20                                   | -           | -           | 99         | 101         | 122         | 106         | 92          | 100        | 103         | 107         | 103         | 85        | 90         |
| Deaths from Small-pox                    | -           | -           | 1          | -           | -           | 2           | -           | -          | -           | -           | -           | 1         | -          |
| " " Measles                              | -           | -           | 14         | 18          | 15          | 21          | 22          | 18         | 17          | 16          | 12          | 18        | 16         |
| " " Scarlet fever                        | -           | -           | 30         | 32          | 27          | 29          | 25          | 24         | 40          | 20          | 17          | 21        | 15         |
| " " Diphtheria                           | -           | -           | 18         | 30          | 24          | 24          | 22          | 17         | 15          | 16          | 19          | 10        | 22         |
| " " Whooping-cough                       | -           | -           | 122        | 127         | 94          | 101         | 92          | 80         | 93          | 89          | 108         | 91        | 80         |
| " " Typhus                               | -           | -           | -          | -           | -           | 1           | 1           | 1          | -           | -           | -           | -         | 1          |
| " " Enteric fever                        | -           | -           | 18         | 16          | 15          | 20          | 10          | 10         | 13          | 20          | 9           | 13        | 7          |
| " " Simple Cont'd fever                  | -           | -           | -          | -           | -           | 1           | -           | -          | 1           | -           | 1           | -         | -          |
| " " Diarrhœa and Dysentery               | -           | -           | 8          | 8           | 10          | 17          | 10          | 6          | 16          | 17          | 19          | 23        | 17         |
| " " Cholera                              | -           | -           | -          | 1           | -           | -           | -           | -          | 1           | -           | -           | -         | -          |
| Deaths from the above-mentioned Diseases | -           | -           | 211        | 232         | 185         | 214         | 183         | 156        | 195         | 180         | 184         | 177       | 158        |
| " " Dis. of Respiratory System           | -           | -           | 437        | 478         | 438         | 490         | 459         | 457        | 460         | 419         | 444         | 363       | 343        |
| " " Phthisis                             | -           | -           | 131        | 170         | 165         | 159         | 140         | 144        | 155         | 152         | 150         | 137       | 146        |
| " " Dis. of Circulatory System           | -           | -           | 127        | 134         | 137         | 161         | 137         | 133        | 130         | 128         | 134         | 129       | 87         |
| Violent Deaths                           | -           | -           | 39         | 62          | 65          | 51          | 58          | 64         | 75          | 56          | 52          | 48        | 56         |
| Inquest Cases                            | -           | -           | 88         | 107         | 149         | 123         | 116         | 120        | 129         | 129         | 121         | 109       | 110        |
| Deaths in Public Institutions            | -           | -           | 358        | 405         | 379         | 424         | 355         | 365        | 376         | 347         | 347         | 352       | 352        |
| TEMPERATURE OF THE AIR                   | -           | -           | 34·1       | 29·8        | 31·5        | 42·6        | 37·2        | 34·7       | 40·0        | 37·1        | 42·2        | 48·5      | 45·7       |
| Mean                                     | -           | -           | 38·1       | 33·9        | 35·9        | 48·8        | 43·2        | 40·6       | 47·5        | 47·0        | 50·3        | 59·0      | 51·4       |
| Mean of Highest readings                 | -           | -           | 31·1       | 25·9        | 27·5        | 36·9        | 32·7        | 30·4       | 34·5        | 29·3        | 35·3        | 41·2      | 37·8       |
| Mean of Lowest readings                  | -           | -           | -          | -           | -           | -           | -           | -          | -           | -           | -           | -         | -          |
| Humidity of the Air                      | -           | -           | 82         | 76          | 76          | 79          | 81          | 80         | 87          | 78          | 78          | 82        | 86         |
| Rain-fall in inches                      | -           | -           | 0·38       | 0·21        | 0·02        | 0·30        | 0·93        | 0·66       | 0·87        | 0·03        | 0·11        | 0·65      | 0·67       |
| Registered Sunshine (in hours)           | -           | -           | 5·6        | 6·0         | 10·4        | 6·5         | 10·8        | 11·3       | 11·2        | 29·0        | 21·5        | 35·7      | 3·0        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar-General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. L. Arnup, Esq., F.R.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McManusborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the NINETEENTH Week of the Year 1888.

| CAUSES OF DEATH.  | Corrected Averages for the 19th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 12th May 1888. |           |      |       |                  |                  |                  | Corrected Averages for the 19th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 12th May 1888. |           |           |      |       |                  |                  |                  |                       |
|---|---|---|-----------|------|-------|------------------|------------------|------------------|---|---|-----------|-----------|------|-------|------------------|------------------|------------------|-----------------------|
|   |   | Deaths of Persons of the Ages               |           |      |       |                  |                  |                  |   | Deaths of Persons of the Ages               |           |           |      |       |                  |                  |                  |                       |
|   |   | ALL AGES.                                   | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. |   | 80 Years and upwards.                       | ALL AGES. | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |
|   |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |   |   |           | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |
| ALL CAUSES - -  | 1609.3  | 1360  | 319       | 190  | 103   | 186              | 238              | 255              | 63  |   |           |           |      |       |                  |                  |                  |                       |
| Small-pox { Vaccinated† - - - - -<br>Unvaccinated - - - - -<br>No Statement - - - - - | 23.6 {  | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Measles - - - - -   | 64.9  | 22  | 5         | 15   | 2     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scarlet Fever - - - - -   | 25.5  | 19  | 1         | 9    | 9     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Erysiphus - - - - -   | 0.5   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Eclapsing Fever† - - - - -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Influenza - - - - -   | 0.0   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Whooping-cough - - - - -  | 84.8  | 52  | 16        | 35   | 1     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diphtheria - - - - -  | 13.6  | 15  | -         | 7    | 8     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Simple Continued and Ill-defined Fever - - - - -                                      | 1.5   | 1   | -         | -    | -     | -                | -                | 1                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Interic Fever - - - - -   | 9.5   | 9   | -         | 1    | 2     | 6                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Cholera - - - - -   | 0.1   | 1   | 1         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diarrhoea, Dysentery - - - - -  | 12.4  | 14  | 7         | 1    | -     | 2                | 1                | 3                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Emittent Fever† - - - - -   | 0.9   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Hydrophobia - - - - -   | 0.0   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Glanders - - - - -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Cowpox and Effects of Vaccination† - - - - -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| General Affections - - - - -  | 9.9   | 4   | 2         | -    | -     | 1                | 1                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Erysipelas - - - - -  | 4.8   | 7   | 3         | -    | -     | 2                | 1                | 1                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Gymia and Septicæmia† - - - - -   | 3.3   | 3   | -         | 1    | -     | 1                | 1                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Hyperal Fever - - - - -   | 5.2   | 3   | -         | -    | 3     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Other Zymotic Diseases† - - - - -   | 2.6   | 1   | -         | -    | -     | 1                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scrub - - - - -   | 1.9   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scums and other Parasitical Diseases - - - - -  | 0.5   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Starvation, Want of Breast-milk† - - - - -  | 1.1   | 2   | 2         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Alcoholism - - - - -  | 5.5   | 5   | -         | -    | -     | 1                | 3                | 1                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Rheumatic Fever, Rheumatism of Heart† - - - - -                                       | 7.0   | 9   | -         | -    | 1     | 4                | 4                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Rheumatism† - - - - -   | 2.8   | 2   | -         | -    | -     | -                | -                | 1                | 1   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scout - - - - -   | 3.5   | 1   | -         | -    | -     | -                | -                | 1                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scickets† - - - - -   | 3.9   | 6   | 2         | 4    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scancer - - - - -   | 52.9  | 59  | -         | 1    | -     | 6                | 28               | 23               | 1   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scab Mesenterica - - - - -  | 22.1  | 23  | 12        | 8    | 3     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scabular Meningitis - - - - -   | 35.8  | 28  | 8         | 14   | 6     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scathiasis - - - - -  | 170.9   | 134   | 1         | 1    | 13    | 70               | 37               | 9                | 1   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scrofula, Tuberculosis - - - - -  | 18.2  | 16  | 8         | 4    | 3     | 1                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scer Constitutional Diseases† - - - - -   | 12.5  | 11  | 1         | -    | -     | 1                | 3                | 5                | 1   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scemature Birth - - - - -   | 37.0  | 43  | 42        | -    | -     | -                | 1                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Sclectæsis† - - - - -   | 2.5   | 2   | 2         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scenatal Malformations - - - - -  | 5.5   | 7   | 7         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scd Age - - - - -   | 47.9  | 46  | -         | -    | -     | 1                | 14               | 31               | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scoplexy - - - - -  | 46.6  | 33  | 1         | -    | 1     | 1                | 9                | 13               | 2   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scilpey - - - - -   | 6.9   | 7   | -         | -    | 4     | 1                | 2                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scnulsions - - - - -  | 53.0  | 37  | 34        | 3    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Scner Diseases of Brain and Nervous System - - - - -                                  | 91.5  | 104   | 13        | 22   | 12    | 13               | 13               | 27               | 4   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diseases of Organs of Special Sense† - - - - -  | 2.1   | 2   | -         | -    | 1     | 1                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diseases of Circulatory System - - - - -  | 103.0   | 119   | 2         | 3    | 13    | 19               | 34               | 40               | 8   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Croup - - - - -   | 12.0  | 2   | -         | 1    | 1     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Bronchitis - - - - -  | 187.5   | 141   | 47        | 21   | -     | 2                | 22               | 40               | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Pneumonia - - - - -   | 96.5  | 83  | 17        | 23   | -     | 8                | 13               | 16               | 10  | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Pleurisy - - - - -  | 6.7   | 6   | -         | -    | -     | 2                | 4                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Other Diseases of Respiratory System - - - - -  | 31.6  | 23  | 3         | 3    | 1     | -                | 6                | 9                | 1   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Dentition† - - - - -  | 18.1  | 16  | 11        | 5    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Quinsy, Sore Throat† - - - - -  | 1.9   | 2   | -         | 1    | 1     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Enteritis - - - - -   | 6.4   | 4   | 2         | -    | 1     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Peritonitis - - - - -   | 3.7   | 3   | -         | -    | 1     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diseases of Liver - - - - -   | 34.5  | 26  | 2         | 1    | -     | 2                | 11               | 10               | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Other Diseases of Digestive System - - - - -  | 23.2  | 37  | 8         | 1    | 6     | 1                | 9                | 10               | 2   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diseases of Lymphatic System & of Ductless Glands† - - - - -                          | 0.7   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diseases of Urinary System - - - - -  | 37.5  | 41  | 1         | -    | 2     | 5                | 16               | 17               | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diseases of Generative System - - - - -   | 5.3   | 4   | -         | -    | -     | 2                | 2                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Accidents of Childbirth - - - - -   | 4.4   | 5   | -         | -    | -     | 4                | 1                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diseases of Locomotive System† - - - - -  | 7.4   | 10  | -         | -    | 4     | 4                | 2                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Diseases of Integumentary System - - - - -  | 5.7   | 4   | 1         | 1    | -     | -                | -                | 1                | 1   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| VIOLENT DEATHS.‡  |   |   |           |      |       |                  |                  |                  |   |   |           |           |      |       |                  |                  |                  |                       |
| ACCIDENT.)  |   |   |           |      |       |                  |                  |                  |   |   |           |           |      |       |                  |                  |                  |                       |
| Fracture and Contusion - - - - -  | 19.0  | 14  | -         | 3    | 1     | 5                | 4                | 1                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Gunshot Wound - - - - -   | 0.1   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Cut, Stab - - - - -   | 0.3   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Burn and Scald - - - - -  | 4.8   | 2   | -         | -    | 1     | 1                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Poison - - - - -  | 0.9   | 2   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Drowning - - - - -  | 7.1   | 5   | -         | -    | 1     | 2                | 1                | 1                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Suffocation - - - - -   | 11.1  | 14  | 13        | -    | -     | 1                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Otherwise - - - - -   | 3.2   | 1   | -         | -    | -     | 1                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| (HOMICIDE.)   |   |   |           |      |       |                  |                  |                  |   |   |           |           |      |       |                  |                  |                  |                       |
| Murder & Manslaughter - - - - -   | 1.9   | 1   | 1         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| (SUICIDE.)  |   |   |           |      |       |                  |                  |                  |   |   |           |           |      |       |                  |                  |                  |                       |
| Gunshot Wound - - - - -   | 0.4   | 3   | -         | -    | -     | 2                | -                | 1                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Cut, Stab - - - - -   | 1.6   | 1   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Poison - - - - -  | 2.7   | 2   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Drowning - - - - -  | 2.2   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Hanging - - - - -   | 1.4   | 2   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| Otherwise - - - - -   | 0.8   | 1   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| (EXECUTION.)  |   |   |           |      |       |                  |                  |                  |   |   |           |           |      |       |                  |                  |                  |                       |
| Hanging - - - - -   | 0.1   | -   | -         | -    | -     | -                | -                | -                | -   | -   | -         | -         | -    | -     | -                | -                | -                |                       |
| OTHER CAUSES† - - - - -   | 59.5  | 51  | 43        | 1    | 1     | -                | -                | 4                | 2   | -   | -         | -         | -    | -     | -                | -                | -                |                       |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).  
† The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.  
‡ As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.  
§ These cases of small-pox only are returned as "vaccinated" or "unvaccinated" which are so certified by registered medical men. When a medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical practitioner, the case is returned under the heading "no statement."  
|| The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| The Deaths registered in the Week include                                   |  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                   |                              |            |           |     |                                   |                                     |
|---|--|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|------------|-----------|-----|-----------------------------------|-------------------------------------|
| REGISTRATION  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                   |                              |            |           |     | Deaths in Public<br>Institutions. | Deaths from<br>unclassified Causes. |
| SUB-DISTRICTS.  |  |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |                                   |                                     |
| LONDON . . . .  |  | 3,815,704                                    | 2574                                | 1360                                | 319                             | 321                                 | -          | 22       | 19             | 15          | 52              | -       | 9                                 | 1                            | 14         | 51        | 106 | 305                               |                                     |
| WEST DISTRICTS . . . .  |  | 669,688                                      | 422                                 | 266                                 | 64                              | 70                                  | -          | 7        | 1              | 4           | 13              | -       | 2                                 | -                            | 1          | 9         | 19  | 73                                |                                     |
| NORTH DISTRICTS . . . .   |  | 805,947                                      | 564                                 | 273                                 | 58                              | 72                                  | -          | 9        | 5              | 2           | 13              | -       | 4                                 | -                            | 3          | 15        | 30  | 50                                |                                     |
| CENTRAL DISTRICTS . . . .   |  | 282,238                                      | 151                                 | 105                                 | 17                              | 28                                  | -          | -        | 1              | 1           | 2               | -       | -                                 | -                            | 3          | 4         | 11  | 20                                |                                     |
| EAST DISTRICTS . . . .  |  | 692,738                                      | 475                                 | 242                                 | 60                              | 47                                  | -          | 4        | -              | 4           | 5               | -       | 2                                 | -                            | 4          | 7         | 14  | 57                                |                                     |
| SOUTH DISTRICTS . . . .   |  | 1,365,148                                    | 962                                 | 469                                 | 120                             | 106                                 | -          | 2        | 12             | 4           | 19              | -       | 1                                 | 1                            | 3          | 16        | 32  | 86                                |                                     |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| WEST DISTRICTS.   |  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                   |                              |            |           |     |                                   |                                     |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69898  | 42                                  | 27                                  | 10                              | 3                                   | -          | -        | -              | 1           | 4               | -       | -                                 | -                            | -          | -         | 1   | 3                                 |                                     |
| St. John Paddington H - - G.J.  |  | 37380  | 12                                  | 13                                  | 3                               | 5                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | 3   | 5                                 |                                     |
| Kensington Town Ww - - W.M.   |  | 120141                                       | 72                                  | 60                                  | 13                              | 19                                  | -          | 5        | -              | 2           | 4               | -       | 1                                 | -                            | -          | -         | 3   | 19                                |                                     |
| Brompton HH - - W.M. & C.   |  | 48010  | 13                                  | 10                                  | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | -   | -                                 |                                     |
| St. Peter Hammersmith - - W.M.  |  | 7899   | 5                                   | 2                                   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 58                                  | 30                                  | 6                               | 6                                   | -          | 1        | 1              | -           | 2               | -       | -                                 | -                            | -          | 1         | 2   | 2                                 |                                     |
| Fulham Ww - - W.M. & C.   |  | 42900  | 53                                  | 20                                  | 9                               | 6                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | 6                                 |                                     |
| Chelsea South HHH - - C.  |  | 30396  | 21                                  | 8                                   | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | 3   | 1                                 |                                     |
| Chelsea North-west WHHHHH - C.  |  | 24925  | 17                                  | 15                                  | 1                               | 8                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | 13                                |                                     |
| Chelsea North-east - - C.   |  | 32807  | 30                                  | 13                                  | 4                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | -   | -                                 |                                     |
| May Fair WW - - G.J.  |  | 30353  | 11                                  | 10                                  | 2                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 7                                 |                                     |
| Belgrave WWWW - - C.  |  | 82220  | 19                                  | 17                                  | 1                               | 3                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | -          | 2         | 2   | 10                                |                                     |
| St. John Westminster HHH - C.   |  | 35496  | 27                                  | 9                                   | 2                               | 2                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | -          | 1         | 1   | -                                 |                                     |
| St. Margaret Westminster H - C.   |  | 24679  | 9                                   | 16                                  | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 6                                 |                                     |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941  | 17                                  | 13                                  | 2                               | 4                                   | -          | -        | -              | 1           | -               | -       | 1                                 | -                            | -          | -         | -   | 2                                 |                                     |
| St. Anne Soho HHHHHHH - N.R.  |  | 16668  | 11                                  | 3                                   | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | -   | -                                 |                                     |
| NORTH DISTRICTS.  |  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                   |                              |            |           |     |                                   |                                     |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 9                                   | 11                                  | -                               | 1                                   | -          | -        | -              | -           | -               | -       | 1                                 | -                            | -          | 1         | 1   | 8                                 |                                     |
| Cavendish Square HHHH - W.M.  |  | 14891  | 5                                   | 3                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -                                 |                                     |
| Rectory Marylebone WH G.J. & W.M.   |  | 24909  | 3                                   | 5                                   | 1                               | 1                                   | -          | 1        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | 3   | -                                 |                                     |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 24                                  | 15                                  | 6                               | 2                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | 1         | -   | -                                 |                                     |
| Christchurch Marylebone H - W.M.  |  | 33700  | 13                                  | 9                                   | -                               | 5                                   | -          | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | 1                                 |                                     |
| St. John Marylebone H - W.M.  |  | 33638  | 13                                  | 9                                   | -                               | 5                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1                                 |                                     |
| Hampstead WwWHHHH N.R. & W.M.   |  | 45452  | 28                                  | 3                                   | 4                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| Regent's Park Paneras H - W.M.  |  | 39115  | 17                                  | 13                                  | 3                               | 7                                   | -          | -        | -              | -           | 2               | -       | -                                 | -                            | 1          | 2         | 3   | 13                                |                                     |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 19                                  | 11                                  | 1                               | 4                                   | -          | -        | -              | -           | 1               | -       | -                                 | -                            | 1          | 2         | 2   | -                                 |                                     |
| Gray's Inn Lane HHH - N.R.  |  | 30247  | 25                                  | 10                                  | 4                               | 1                                   | -          | 2        | -              | -           | 1               | -       | -                                 | -                            | 1          | 1         | -   | -                                 |                                     |
| Somers Town H - - N.R.  |  | 17311  | 10                                  | 8                                   | 2                               | 1                                   | -          | -        | 1              | -           | -               | -       | -                                 | -                            | -          | 2         | 6   | -                                 |                                     |
| Camden Town WH - - N.R.   |  | 67487  | 67                                  | 23                                  | 6                               | 6                                   | -          | 1        | -              | 1           | -               | -       | 1                                 | -                            | 1          | 3         | 3   | -                                 |                                     |
| Kentish Town W - - N.R.   |  | 67946  | 63                                  | 21                                  | 2                               | 10                                  | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | 12                                |                                     |
| Upper Holloway WwWH - N.R.  |  | 100976                                       | 73                                  | 17                                  | 4                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | 1         | -   | -                                 |                                     |
| Islington South-west HH - N.R.  |  | 61825  | 39                                  | 10                                  | 3                               | 2                                   | -          | -        | -              | 1           | 2               | -       | -                                 | -                            | 1          | -         | -   | -                                 |                                     |
| Islington South-east - - N.R.   |  | 82048  | 29                                  | 13                                  | 3                               | 4                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| Highbury H - - N.R.   |  | 22781  | 14                                  | 7                                   | 2                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| Stoke Newington H - - N.R.  |  | 9277   | 5                                   | 6                                   | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| Stamford Hill - - E.L.  |  | 37610  | 22                                  | 11                                  | 3                               | 3                                   | -          | -        | 1              | -           | 1               | -       | -                                 | -                            | -          | 1         | 4   | -                                 |                                     |
| West Hackney - - N.R.   |  | 76911  | 53                                  | 45                                  | 5                               | 9                                   | -          | 3        | 4              | -           | -               | -       | 2                                 | -                            | -          | 2         | 2   | 13                                |                                     |
| Hackney WwWH - E.L. & N.R.  |  | 76911  | 18                                  | 14                                  | 4                               | 4                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | 3   | -                                 |                                     |
| South Hackney - - E.L.  |  | 39383  | 18                                  | 14                                  | 4                               | 4                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| CENTRAL DISTRICTS.  |  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                   |                              |            |           |     |                                   |                                     |
| St. George Bloomsbury - - N.R.  |  | 16681  | 10                                  | 3                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| St. Giles South WH - - N.R.   |  | 14864  | 14                                  | 10                                  | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | 5                                 |                                     |
| St. Giles North - - N.R.  |  | 18837  | 5                                   | 6                                   | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 4                                   | 5                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | 3                                 |                                     |
| St. Mary-le-Strand H - - N.R.   |  | 7515   | 3                                   | 2                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| St. Clement Danes H - - N.R.  |  | 8559   | 2                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | 1                                 |                                     |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| St. Geo. the Martyr HHHHHHH N.R.  |  | 18671  | 13                                  | 14                                  | -                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | 3   | 5                                 |                                     |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 8                                   | 3                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 2                                 |                                     |
| Ballion Hill H - - N.R.   |  | 6533   | 3                                   | 4                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| St. James Clerkenwell - - N.R.  |  | 17518  | 19                                  | 3                                   | 1                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| Amwell Clerkenwell - - N.R.   |  | 19281  | 12                                  | 3                                   | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | 2         | -   | -                                 |                                     |
| Pentonville - - N.R.  |  | 14773  | 10                                  | 2                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| Goodwell-street - - N.R.  |  | 17506  | 13                                  | 7                                   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -   | -                                 |                                     |
| Old-street H - - N.R.   |  | 11541  | 8                                   | 3                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -   | -                                 |                                     |
| City-road LHL - - N.R.  |  | 18629  | 24                                  | 9                                   | 2                               | 3                                   | -          | -        | 1              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | 2                                 |                                     |
| Whitecross-street - - N.R.  |  | 9217   | -                                   | 7                                   | 4                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -   | -                                 |                                     |
| Finchbury - - N.R.  |  | 7463   | 3                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| Holborn Union Workhouse, Mitcham, w.  |  | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| St. Botolph H - - N.R. & E.L.   |  | 11174  | 5                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| Cripplegate - - N.R.  |  | 7193   | 2                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| St. Sepulchre H - - N.R.  |  | 5398   | 1                                   | 15                                  | -                               | 2                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | 1   | 12                                |                                     |
| St. Bride W - - N.R.  |  | 8396   | 1                                   | 4                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |
| Allhallows Barking - - N.R.   |  | 13666  | 1                                   | 1                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -                                 |                                     |
| Broad Street H - - N.R.   |  | 5652   | 3                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -                                 |                                     |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifi-Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London; and K., the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
unday, the 12th May, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |                     | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |                                     |            |             |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
|--------------------------------|---------------------|---|--|--|---|-------------------------------------|------------|-------------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|
|                                |                     |   |  |  | Deaths of                                 |                                     |            | Deaths from |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
|                                |                     |   |  |  | Infants under<br>1 Year of Age.           | Persons aged 40<br>Years & upwards. | Small-pox. | Measles.    | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| EAST DISTRICTS.                |                     |   |  |  |   |                                     |            |             |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| lywell Shoreditch              | N.R. & E.L.         | 7376  | 7                                      | 1                                      | -   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Leonard Shoreditch             | H.L.*               | 14967   | 9                                      | 1                                      | -   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| ixton New Town                 | w                   | 23887   | 25                                     | 14                                     | 4   | 8                                   | -          | 1           | -              | -           | -               | -       | -                              | -                            | -          | -         | 5              | -                                 | -                               |
| ixton Old Town                 | -                   | 28036   | 17                                     | 8                                      | 4   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                               |
| aggerston                      | W.H.                | 46276   | 29                                     | 15                                     | 4   | 4                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 4                                 | -                               |
| ckney-road                     | H                   | 29788   | 13                                     | 10                                     | 3   | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | 1                                 | -                               |
| een, Bethnal Green             | W.H.L*              | 47583   | 26                                     | 23                                     | 2   | 7                                   | -          | -           | -              | 1           | 1               | -       | -                              | -                            | -          | -         | -              | 10                                | -                               |
| urch, Bethnal Green            | -                   | 29681   | 20                                     | 13                                     | 2   | 2                                   | -          | 2           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| wn, Bethnal Green              | -                   | 19810   | 13                                     | 6                                      | 1   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 | -                               |
| Italfields                     | -                   | 22585   | 13                                     | 2                                      | -   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| le End New Town                | W                   | 15473   | 14                                     | 11                                     | 2   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 5                                 | -                               |
| hitechapel Church              | H                   | 17490   | 11                                     | 25                                     | 1   | 3                                   | -          | -           | -              | 2           | -               | -       | -                              | -                            | -          | -         | 1              | 21                                | -                               |
| odman's Fields                 | -                   | 9713  | 3                                      | 3                                      | 1   | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| dgate                          | -                   | 6102  | 5                                      | 2                                      | 1   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| George's, North                | -                   | 38747   | 18                                     | 5                                      | 4   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| John, St. George East          | W                   | 8410  | 5                                      | 2                                      | -   | -                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                               |
| adwell                         | H.H.                | 16895   | 8                                      | 3                                      | -   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| tella                          | -                   | 16107   | 10                                     | 3                                      | 2   | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                               |
| mehouse                        | -                   | 32041   | 25                                     | 8                                      | 1   | 1                                   | -          | 1           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| le End Old Town West           | -                   | 37660   | 50                                     | 11                                     | 5   | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |
| le End Old Town East           | W.H. - E.L.         | 67653   | 54                                     | 24                                     | 9   | 5                                   | -          | -           | -              | 1           | -               | -       | 1                              | -                            | -          | -         | -              | 3                                 | -                               |
| w                              | -                   | 37074   | 23                                     | 14                                     | 4   | 3                                   | -          | -           | -              | -           | 2               | -       | -                              | -                            | -          | -         | 2              | -                                 | -                               |
| omley                          | W.H. -              | 64269   | 46                                     | 25                                     | 8   | 3                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | 2              | 4                                 | 5                               |
| plar                           | W.H. -              | 56077   | 51                                     | 13                                     | 3   | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |
| SOUTH DISTRICTS.               |                     |   |  |  |   |                                     |            |             |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| ristchurch Southwark           | W.H. L. & S.        | 18668   | 5                                      | 7                                      | 5   | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |
| Saviour Southwark              | - S.                | 14999   | 11                                     | 3                                      | 2   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 1                               |
| nt-road                        | - S. & L.           | 21381   | 18                                     | 4                                      | 2   | 1                                   | -          | -           | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| rough-road                     | W.H. - S. & L.      | 18963   | 16                                     | 10                                     | 2   | -                                   | -          | -           | -              | -           | 3               | -       | -                              | -                            | -          | -         | 2              | 6                                 | -                               |
| ndon-road                      | H.L. - L. & S.      | 21318   | 15                                     | 14                                     | 5   | 2                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |
| nity Newington                 | - S. & L.           | 36672   | 24                                     | 15                                     | 5   | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Peter Walworth                 | W - S. & L.         | 59556   | 32                                     | 15                                     | 2   | 3                                   | -          | -           | -              | -           | -               | -       | -                              | 1                            | -          | 1         | 1              | -                                 | -                               |
| Mary Newington                 | - L. & S.           | 21623   | 17                                     | 5                                      | 3   | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Olave                          | W.H. - - S.         | 11956   | 7                                      | 19                                     | 4   | 5                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2              | 11                                | 1                               |
| ather Market                   | - - S. & L.         | 16300   | 6                                      | 3                                      | 1   | -                                   | -          | -           | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Mary Magdalen                  | W - - S.            | 16669   | 6                                      | 9                                      | 3   | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |
| James Bermondsey               | - - S.              | 54683   | 46                                     | 14                                     | 5   | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | -                                 | -                               |
| therbithe                      | W.H. - - S. & K.    | 36024   | 24                                     | 7                                      | 2   | -                                   | -          | -           | -              | 1           | -               | -       | -                              | -                            | -          | -         | 4              | -                                 | -                               |
| sterloo-road 1st               | H - - L. & S.       | 15195   | 12                                     | 3                                      | 1   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |
| sterloo-road 2nd               | H - - L. & S.       | 16361   | 18                                     | 5                                      | 4   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| mbeth Church 1st               | H - - L. & S.       | 19876   | 14                                     | 15                                     | 3   | 3                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | 2          | 3         | 4              | -                                 | -                               |
| mbeth Church 2nd               | W.W. - L. & S.      | 39859   | 34                                     | 22                                     | 3   | 3                                   | -          | 1           | -              | -           | -               | -       | -                              | -                            | -          | 3         | 9              | 1                                 | -                               |
| nnington 1st                   | - - S. & L.         | 45232   | 33                                     | 9                                      | 2   | 4                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| nnington 2nd                   | - - S. & L.         | 34332   | 20                                     | 9                                      | 2   | 4                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | 2          | -         | -              | -                                 | -                               |
| ixton                          | W.W. - - L. & S.    | 62837   | 28                                     | 21                                     | 5   | 6                                   | -          | -           | -              | 1           | 1               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                               |
| rwood                          | W. - - L.           | 19017   | 12                                     | 4                                      | 2   | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| st Battersea                   | - - S.              | 54675   | 53                                     | 13                                     | 3   | 1                                   | -          | -           | -              | 1           | -               | 1       | -                              | -                            | -          | -         | 1              | -                                 | 1                               |
| st Battersea                   | W.H. - - S.         | 51287   | 10                                     | 15                                     | 6   | 2                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 4                                 | -                               |
| pham                           | H - - S.            | 36340   | 16                                     | 8                                      | 3   | 3                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| ndsworth                       | W.H.L. - - S.       | 24604   | 26                                     | 15                                     | 7   | 4                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 2              | 4                                 | -                               |
| tney                           | - - S.              | 13255   | 8                                      | 5                                      | 1   | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 | -                               |
| eastham                        | - - L.              | 25653   | 26                                     | 10                                     | 2   | 4                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| lwich                          | - - L. & S.         | 5590  | 4                                      | 2                                      | -   | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| umberwell                      | W.W.L.* - - S. & L. | 59104   | 42                                     | 36                                     | 3   | 15                                  | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 | 18                              |
| idham                          | W - S., L., & K.    | 71189   | 50                                     | 26                                     | 9   | 2                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3              | -                                 | -                               |
| George Camberwell              | - - L. & S.         | 60810   | 53                                     | 18                                     | 9   | 1                                   | -          | -           | 1              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                               |
| Paul Deptford                  | W.W. - - K.         | 76752   | 64                                     | 37                                     | 5   | 5                                   | -          | -           | -              | 3           | -               | -       | -                              | -                            | -          | -         | 2              | 2                                 | 10                              |
| Nicholas Deptford              | - - K.              | 7901  | 6                                      | 3                                      | -   | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| enwich West                    | H - - K.            | 21972   | 18                                     | 6                                      | 1   | 2                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| enwich East                    | W.H. - - K.         | 24608   | 19                                     | 19                                     | 2   | 6                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 10                                | -                               |
| ham                            | H - - K.            | 4048  | 1                                      | 1                                      | -   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                               |
| H - - K.                       | - - K.              | 21469   | 14                                     | 3                                      | -   | 3                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| ingham                         | W.H. - - K.         | 19865   | 12                                     | 11                                     | 1   | 3                                   | -          | -           | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                               |
| enham                          | H - - L.            | 26076   | 17                                     | 6                                      | 1   | 2                                   | -          | -           | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| lton                           | H - - K.            | 10920   | 5                                      | 3                                      | -   | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| olwich Dockyard                | - - K.              | 17617   | 14                                     | 2                                      | 1   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 1                               |
| olwich Arsenal                 | H.H. - - K.         | 19448   | 15                                     | 7                                      | 1   | 1                                   | -          | -           | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |
| instead, West                  | H - - K.            | 14059   | 13                                     | 3                                      | -   | 1                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| instead, East                  | W - - K.            | 19241   | 23                                     | 7                                      | 2   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Metropolitan Asylum Hospitals: |                     |   |  |  |   |                                     |            |             |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| Dartford                       | W - -               | -   | -                                      | -                                      | -   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Winchmore Hill                 | W - -               | -   | -                                      | -                                      | -   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Plaistow                       | W - -               | -   | -                                      | -                                      | -   | -                                   | -          | -           | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are inmates in the Table by w:-

Maylebone Infirmary in Kensington Town sub-district.  
Central London Sick Asylum in Tottenham Court-road sub-district.  
Holborn Infirmary in Upper Holloway sub-district.  
London City Workhouse " Hackney sub-district.  
" " Hoxton New Town sub-district.  
Whitechapel " " Mile End Old Town Eastern sub-dist.  
London City " " Mile End Old Town Eastern sub-dist.  
" " and Ervotley sub-district.

Stepney Workhouse in Bromley sub-district.

Poplar & Stepney West Asylum.  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 12th May, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Ennu-<br>merated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                  |             |          |                |             |                 |        |            |           |                |                                |  |
|---|--------------------------------|--|---|---------|---------|---|----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|--------------------------------|--|
|   |                                |  |   |         |         | Deaths of                                 |                                  | Deaths from |          |                |             |                 |        |            |           |                |                                |  |
|   |                                |  |   |         |         | Infants under 1 Year of Age.              | Persons aged 60 Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public Institutions. |  |
| LONDON—OUTER RING   |                                | 370,924  | 950,957                                       | 791     | 350     | 87  | 102                              | -           | -        | 1              | 2           | 16              | 3      | 3          | 14        | 20             | 57                             |  |
| 30:1  | Careshalton wL                 | 12228  | 21118   | 14      | 15      | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 13                             |  |
| 2   | Epsom (part of)* wL            | 9971   | 10710   | 7       | 5       | 1   | 3                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                              |  |
| 37:1  | Godstone (part of)*            | 2754   | 1235  | 1       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 38:1  | Croydon wL                     | 20851  | 101241  | 72      | 35      | 5   | 12                               | -           | -        | -              | -           | -               | 1      | -          | 2         | 2              | 14                             |  |
| 2   | Mitcham w†                     | 11697  | 17932   | 17      | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 39:1  | Wimbledon HHH                  | 8220   | 15950   | 15      | 6       | 3   | 3                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                              |  |
| 2   | Kingston WHH                   | 8549   | 38354   | 27      | 13      | 5   | 4                                | -           | -        | -              | -           | 1               | -      | -          | 2         | 2              | 4                              |  |
| 3   | Esher (part of)*               | 6601   | 9221  | 4       | 2       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 4   | Hampton H                      | 4873   | 13539   | 3       | 5       | -   | 3                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                              |  |
| 40:1  | Richmond WH                    | 2272   | 21302   | 9       | 11      | 1   | 6                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 3                              |  |
| 2   | Mortlake                       | 2941   | 12331   | 14      | 4       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                              |  |
| 41:1  | Bromley (pt. of)* HH           | 15669  | 81142   | 27      | 11      | 2   | 4                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 16844   | 16      | 11      | 1   | 6                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |  |
| 42:1  | Bexley H                       | 13437  | 24174   | 16      | 15      | 4   | 5                                | -           | -        | -              | -           | 2               | -      | -          | -         | -              | 1                              |  |
| 124:1   | Sunbury w                      | 11055  | 11685   | 10      | 4       | 2   | 1                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                              |  |
| 2   | Staines W                      | 13277  | 12089   | 9       | 4       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 125:1   | Hillingdon WHH                 | 6029   | 10802   | 6       | 7       | 2   | 3                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |  |
| 2   | Uxbridge                       | 6178   | 3222  | 5       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 3   | Hayes wHL                      | 14587  | 11623   | 3       | 3       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                              |  |
| 126:1   | Isleworth WHH                  | 7003   | 22727   | 13      | 8       | 1   | 4                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                              |  |
| 2   | Twickenham H                   | 2477   | 12479   | 2       | 4       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 3   | Brentford HL                   | 4345   | 27649   | 26      | 9       | 2   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 4   | Chiswick                       | 1840   | 15975   | 16      | 7       | 2   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |  |
| 5   | Acton wH                       | 6083   | 23676   | 17      | 6       | 1   | 3                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 127:1   | Harrow H                       | 13809  | 12796   | 7       | 3       | 2   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Edgware H                      | 6964   | 3749  | 2       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 3   | Willesden                      | 4383   | 27453   | 23      | 15      | 5   | 2                                | -           | -        | -              | -           | 1               | -      | 1          | -         | -              | -                              |  |
| 4   | Hendon W                       | 8582   | 10484   | 8       | 2       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 128:1   | South Mimms                    | 15599  | 6391  | 5       | 4       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Barnet                         | 5433   | 15002   | 7       | 5       | 2   | 3                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |  |
| 3   | Finchley HL                    | 4988   | 17615   | 22      | 6       | 4   | 1                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 1                              |  |
| 129:1   | Hornsey H                      | 3039   | 37078   | 20      | 8       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Tottenham H                    | 4642   | 46456   | 57      | 13      | 2   | 4                                | -           | -        | 1              | -           | 2               | -      | -          | 3         | 3              | 2                              |  |
| 3   | Edmonton wL                    | 7483   | 23463   | 17      | 13      | 3   | 4                                | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | 3                              |  |
| 4   | Enfield WH                     | 12653  | 19104   | 21      | 10      | 5   | 3                                | -           | -        | -              | -           | -               | 1      | 2          | -         | 1              | 2                              |  |
| 5   | Waltham Abbey                  | 11017  | 5398  | -       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 6   | Cheshunt                       | 8490   | 7725  | 3       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 135:1   | Hatfield (part of)*            | 3366   | 583   | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 137:1   | Bushey                         | 9331   | 6621  | 1       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 136:1   | Stratford                      | 382  | 3806  | 32      | 11      | 4   | 2                                | -           | -        | -              | -           | 1               | -      | -          | 3         | 3              | -                              |  |
| 2   | West Ham wL                    | 7351   | 101053  | 125     | 37      | 14  | 3                                | -           | -        | -              | -           | 2               | -      | -          | 2         | 4              | -                              |  |
| 3   | Leyton wL                      | 4272   | 32430   | 24      | 12      | 1   | 5                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 5                              |  |
| 4   | Walthamstow H                  | 6520   | 23839   | 23      | 10      | 4   | 2                                | -           | -        | -              | 1           | 2               | 1      | -          | -         | -              | -                              |  |
| 137:1   | Chigwell (part of)* H          | 11761  | 9699  | 11      | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 139:1   | Romford (part of)*             | 6730   | 3411  | 8       | 1       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Ilford                         | 8493   | 7645  | 3       | 3       | -   | 1                                | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                              |  |
| 3   | Barking Town                   | 4127   | 9203  | 8       | 3       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30:2, Epsom sub-district, except the parishes of Ashted and Hendley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadman at Knockholt (pop. 1812); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district. † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winesmore Hill (Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 12th May, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |                                   |  |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|--|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |  |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1 Year<br>of Age.     | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |  |  |  |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |           |           |     |  |                                   |  |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16. |  |                                   |  |  |  |
| EATER LONDON              | 448,334  | 5,527,836                                      | 16.1  | 1.5                                   | 1710                             | 406                                       | 423  | -           | 22       | 20                | 17          | 68                  | 13     | 17        | 65        | 362 |  |                                   |  |  |  |
| INNER LONDON              | 77,410   | 4,282,921                                      | 16.6  | 1.6                                   | 1360                             | 319                                       | 321  | -           | 22       | 19                | 15          | 52                  | 10     | 14        | 51        | 305 |  |                                   |  |  |  |
| OUTER RING                | 370,924  | 1,244,965                                      | 14.7  | 1.0                                   | 350                              | 87  | 102  | -           | -        | 1                 | 2           | 16                  | 3      | 3         | 14        | 57  |  |                                   |  |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,202 Persons.

| CITIES.                        | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                     |
|--------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|--|
| CALCUTTA -                     | 433,219                               | April 7                     | -                               | 252     | 30.3                               | Cholera 63; fevers 48.                             |
| BOMBAY -                       | 773,196                               | " 17                        | 307                             | 400     | 28.9                               | Small-pox 25; fevers 149; cholera 8.               |
| MADRAS -                       | 398,777                               | March 30                    | -                               | -       | -                                  | -  |
| PARIS -                        | 2,260,945                             | May 5                       | 1099                            | 1010    | 23.2                               | Diphtheria and croup 43; typh. fev. 13; sm.-pox 5. |
| BRUSSELS - (with 8 Faubourgs.) | 454,410                               | " 5                         | 243                             | 172     | 19.4                               | Croup 4; whooping-cough 2.                         |
| AMSTERDAM -                    | 389,916                               | " 5                         | 261                             | 178     | 23.7                               | Diphtheria 5; croup 4; whooping-cough 4.           |
| ROTTERDAM -                    | 193,658                               | " 5                         | 131                             | 90      | 24.1                               | Whooping-cough 3.                                  |
| THE HAGUE -                    | 149,477                               | " 5                         | ?                               | 55      | 19.1                               | -  |
| COPENHAGEN -                   | 300,000                               | April 24                    | 198                             | 141     | 24.5                               | Diphtheria 6; scarlet fever 2.                     |
| STOCKHOLM -                    | 216,807                               | " 28                        | 116                             | 99      | 23.2                               | Diphtheria and croup 3; scarlet fever 2.           |
| CHRISTIANIA -                  | 134,000                               | May 5                       | 68                              | 67      | 25.7                               | Diphtheria and croup 10.                           |
| ST. PETERSBURG                 | 928,016                               | April 28                    | -                               | -       | -                                  | -  |
| BERLIN -                       | 1,413,603                             | " 21                        | 877                             | 568     | 20.9                               | Diph. 14; wh.-cough 10; meas. 9; scar. fev. 6.     |
| HAMBURG (State)                | 529,091                               | " 28                        | 330                             | 251     | 24.8                               | Typhus 7; diphtheria and croup 5.                  |
| DRESDEN -                      | 259,142                               | " 21                        | 150                             | 138     | 27.7                               | Diphtheria and croup 3; scar. fev. 1.              |
| BRESLAV -                      | 308,105                               | " 28                        | 216                             | 172     | 29.3                               | Diphtheria 6; scarlet fever 1.                     |
| MUNICH -                       | 275,000                               | " 28                        | 181                             | 143     | 27.0                               | Sc. fev. 6; diph. & cp. 5; whooping-cough 3.       |
| VIENNA -                       | 809,836                               | " 28                        | 529                             | 420     | 27.9                               | Scar. fever 6; diph. 6; wh.-cough 4; sm.-pox 2.    |
| PRAGUE -                       | 295,857                               | " 28                        | -                               | 187     | 33.0                               | Small-pox 15; typh. 10; meas. 7; scar. fev. 3.     |
| BUDA-PESTH -                   | 442,787                               | " 28                        | 334                             | 275     | 32.3                               | Diphtheria 4; meas. 4; scarlet fever 2.            |
| TRIESTE -                      | 156,042                               | " 28                        | -                               | 89      | 29.7                               | Small-pox 1; diph. and croup 1.                    |
| ROME -                         | 382,973                               | March 31                    | 244                             | 202     | 27.5                               | Small-pox 4; typhoid fever 3; scarlet fev. 2.      |
| TURIN (1 days)                 | 294,826                               | April 20                    | -                               | -       | -                                  | -  |
| VENICE -                       | 150,502                               | " 28                        | 53                              | 66      | 22.9                               | -  |
| CAIRO -                        | 374,338                               | " 19                        | 351                             | 328     | 45.7                               | Typh. fev. 18; whooping-cough 11; diar. dis. 111.  |
| ALEXANDRIA -                   | 231,396                               | " 19                        | 193                             | 151     | 34.0                               | Typhus 2; diarrheal diseases 35.                   |
| NEW YORK -                     | 1,493,000                             | " 21                        | -                               | 734     | 25.7                               | Scarlet fev. 32; diph. 42; sm.-pox 7; meas. 10.    |
| BROOKLYN -                     | 774,870                               | " 21                        | -                               | 306     | 20.6                               | Diph. 25; scar. fev. 11.                           |
| PHILADELPHIA -                 | 1,016,768                             | " 21                        | -                               | 371     | 19.0                               | Typh. fev. 8; diph. 7; small-pox 3.                |
| BALTIMORE -                    | 437,155                               | " 21                        | -                               | 146     | 17.4                               | Typh. fev. 4; meas. 8.                             |





**OFFICIAL COPY.**

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*  
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No. 20, 1888. VOL. XLIX.] WEEK ENDING SATURDAY, MAY 19. [Price 1½d.

*General Register Office, Somerset House,  
22nd May, 1888.*

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·9 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |           |            |            | TOWNS.             | Weeks ending |           |            |            |
|--------------|--------------|-----------|------------|------------|--------------------|--------------|-----------|------------|------------|
|              | Apr.<br>28.  | May<br>5. | May<br>12. | May<br>19. |                    | Apr.<br>28.  | May<br>5. | May<br>12. | May<br>19. |
| Birkenhead   | 20·9         | 15·1      | 18·8       | 20·9       | Liverpool -        | 21·3         | 17·5      | 17·2       | 18·9       |
| Birmingham   | 17·1         | 18·6      | 15·7       | 18·9       | London -           | 17·5         | 17·4      | 16·6       | 17·9       |
| Blackburn -  | 25·9         | 24·6      | 22·8       | 25·4       | Manchester -       | 24·8         | 27·6      | 21·9       | 22·4       |
| Bolton -     | 14·7         | 23·9      | 26·7       | 17·0       | Newcastle-on-Tyne* | 16·1         | 22·0      | 21·7       | 20·3       |
| Bradford*    | 19·5         | 17·0      | 17·0       | 19·1       | Norwich -          | 19·5         | 21·2      | 19·5       | 24·5       |
| Brighton     | 16·1         | 17·8      | 14·3       | 19·6       | Nottingham*        | 18·3         | 16·0      | 19·2       | 14·2       |
| Bristol -    | 17·3         | 18·9      | 18·9       | 17·0       | Oldham -           | 22·7         | 20·0      | 19·3       | 23·0       |
| Cardiff*     | 22·6         | 16·3      | 12·5       | 21·6       | Plymouth -         | 18·8         | 24·8      | 21·5       | 20·8       |
| Derby -      | 17·3         | 18·4      | 14·1       | 19·5       | Portsmouth -       | 18·7         | 12·7      | 18·3       | 17·9       |
| Halifax      | 20·2         | 18·2      | 24·7       | 16·3       | Preston -          | 22·2         | 26·3      | 17·7       | 22·2       |
| Huddersfield | 20·0         | 18·3      | 16·6       | 20·5       | Salford*           | 21·0         | 28·1      | 19·6       | 23·5       |
| Hull -       | 14·7         | 17·0      | 19·1       | 21·7       | Sheffield -        | 21·6         | 19·1      | 14·8       | 19·8       |
| Leeds -      | 20·7         | 18·7      | 19·6       | 18·6       | Sunderland -       | 18·2         | 15·8      | 17·0       | 17·4       |
| Leicester*   | 23·5         | 19·9      | 18·5       | 15·3       | Wolverhampton -    | 24·3         | 21·7      | 23·6       | 22·3       |

The highest annual death-rates from *measles*, measured by last week's mortality, were 0·5 in Nottingham and 1·3 in Wolverhampton; from *scarlet fever*, 0·9 in Bolton, 1·0 in Cardiff, and 1·3 in Blackburn; from *whooping-cough*, 1·4 in Manchester, 2·5 in Salford, and 2·6 in Sheffield; and from "*fever*," 0·5 in Salford and 0·6 in Wolverhampton. The 39 deaths from *diphtheria* in the twenty-eight towns included 29 in London and 3 in Norwich. *Small-pox* caused 8 deaths in Sheffield and one in Bristol, but not one in any of the twenty-five other large provincial towns, or in London.

## LONDON.

In LONDON† 2364 BIRTHS and 1469 DEATHS were registered. Allowing for increase of population, the births were 311, and the deaths 129, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined in the five preceding weeks from 20·6 to 16·6, rose again last week to 17·9. During the first seven weeks of the current quarter the death-rate averaged 18·3 per 1000, and was 2·8 below the mean rate in the corresponding periods of the ten years 1878-87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1469 deaths included 18 from measles, 13 from scarlet fever, 29 from diphtheria, 64 from whooping-cough, 12 from enteric fever, 15 from diarrhœa and dysentery, and not one from small-pox, typhus, ill-defined forms of "fever," or cholera; thus, 151 deaths were referred to these diseases, being 82 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 26. There were only 6 small-pox patients under treatment in the Metropolitan Asylum Hospitals at the end of last week, against 21, 16, and 11 on the three preceding Saturdays; and 1 in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 14 and 22 in the two preceding weeks, declined again last week to 18, and were 46 below the corrected average; 4 belonged to Kensington, and 5 to Hackney sanitary areas. The deaths from *scarlet fever* further declined last week to 13, from 23 and 19 in the two previous weeks, and were 12 below the corrected average; 2 belonged to Hammersmith and 4 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 915 scarlet fever patients (there were also 72 in the London Fever Hospital), against 967, 921, and 904 in the three preceding weeks; 82 cases were admitted to the Metropolitan Asylum Hospitals during the week, against 70 and 91 in the two previous weeks. The deaths referred to *diphtheria*, which had been 15 in each of the two preceding weeks, rose last week to 29, and exceeded the corrected average by 17; 3 belonged to Paddington, 3 to Kensington, 3 to Hackney, 3 to Bethnal Green, 2 to Lambeth, and 3 to Camberwell sanitary areas. The fatal cases of *whooping-cough*, which had been 87 and 52 in the two previous weeks, rose again last week to 64, but were 10 below the corrected average; 6 belonged to Pancras, 5 to Bermondsey, 7 to Lambeth, and 4 to Battersea sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 19 and 14 in the preceding two weeks, rose to 15 last week, and were one below the corrected average; 9 were of infants aged under one year.

The deaths referred to *enteric fever*, which had been 7, 11, and 9 in the preceding three weeks, rose last week to 12, and corresponded with the corrected average. The Metropolitan Asylum Hospitals contained 92 cases of enteric fever, and not one of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had declined in the five preceding weeks from 444 to 260, rose again last week to 296, but were 11 below the corrected average.

Different forms of violence caused 63 deaths; 46 were the result of negligence or accident, among which were 21 from fractures and contusions, 6 from burns and scalds, 7 from drowning, 2 from poison, and 9 of infants under one year of age from suffocation. The 21 deaths from fractures and contusions were thus caused:—5 by accidents from vehicles in the streets; 1 by fall from horse in park; 1 by kick from horse; 2 by accident on railway; 1 by fall from roof; 1 by fall from window; 2 by fall down stairs; 1 by fall in street; 3 by fall of heavy substance; 2 by fall, the nature of which was not stated; 1 by blow; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 21 cases, except the last. Thirteen cases of suicide were registered, being 4 above the corrected average.

#### GREATER LONDON.

In Greater London 3101 births and 1779 deaths were registered, corresponding to annual rates of 29·3 and 16·8 per 1000 of the population. In the Outer Ring 23 deaths from whooping-cough, 5 from diphtheria, and 5 from "fever," were registered. The deaths in West Ham sub-district included 5 from whooping-cough, 2 from diphtheria, and 2 from "fever"; 4 fatal cases of whooping-cough were registered in Bromley, and 2 of diphtheria in Enfield sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·58 in.; the highest reading was 30·20 in. at the beginning of the week, and the lowest 29·37 in. on Wednesday afternoon. The mean temperature of the *air* was 55°·9, and 2°·6 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Monday, Tuesday, and Wednesday, but showed a considerable excess on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the *air* averaged 11·8 miles per hour, which was 1·4 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·32 in. The duration of registered bright sunshine in the week was 39·4 hours, against 40·6 hours at Glynde Place, Lewes.

TABLE 1.—**BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 19th May, 1888.**

| CITIES<br>AND<br>BOROUGHs. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. |      |      | Registered during<br>the Week ending<br>May 19th, 1888. |     | Deaths of<br>Persons aged<br>60 Years<br>and upwards. |    | Deaths from |    |     |     |     |     |     |     |     |      | TEMPERATURE OF THE AIR. |             |          |       |             | RAINFALL.  |          |                   |             |                     |                         |            |           |                |                                      |                               |                     |
|----------------------------|---|------|------|---|-----|---|----|-------------|----|-----|-----|-----|-----|-----|-----|-----|------|-------------------------|-------------|----------|-------|-------------|------------|----------|-------------------|-------------|---------------------|-------------------------|------------|-----------|----------------|--------------------------------------|-------------------------------|---------------------|
|                            | 1.  | 2.   | 3.   | 4.  | 5.  | 6.  | 7. | 8.          | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17.  | 18.                     | Fahrenheit. |          | Mean. | Centigrade. | In Inches. | In Cent. |                   |             |                     |                         |            |           |                |                                      |                               |                     |
|                            |   |      |      |   |     |   |    |             |    |     |     |     |     |     |     |     |      |                         | Small-pox.  | Measles. |       |             |            |          | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever.                  | Dysentery. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unnatural<br>Causes of Death. | From All<br>Causes. |
| CITIES<br>AND<br>BOROUGHs. | 1.  | 2.   | 3.   | 4.  | 5.  | 6.  | 7. | 8.          | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17.  | 18.                     | 19.         | 20.      | 21.   | 22.         | 23.        | 24.      | Cols.             | Rainfall.   |                     | Temperature of the Air. |            | Mean.     |                | Rainfall.                            |                               | Cols.               |
| 28 TOWNS*                  | 9,398,273   | 5440 | 3398 | 767   | 733 | 9   | 32 | 37          | 39 | 140 | 30  | 43  | 131 | 225 | 637 | 95  | 18.9 | 1.8                     | 79.0        | 34.5     | 51.8  | 11.00       | 0.43       | 1.09     | - 28 TOWNS.       |             |                     |                         |            |           |                |                                      |                               | - 28 TOWNS.         |
| LONDON*                    | 4,282,921   | 2364 | 1469 | 286   | 348 | -   | 18 | 13          | 29 | 64  | 12  | 15  | 63  | 113 | 370 | 13  | 17.9 | 1.8                     | 76.8        | 37.8     | 55.9  | 13.28       | 0.32       | 0.81     | LONDON.           |             |                     |                         |            |           |                |                                      |                               | LONDON.             |
| BRIGHTON                   | 119,983   | 52   | 45   | 11  | 10  | -   | -  | -           | 1  | 1   | 1   | 1   | 2   | 3   | 7   | 7   | 19.6 | 1.3                     | 72.0        | 39.2     | 53.1  | 11.72       | 0.06       | 1.68     | BRIGHTON.         |             |                     |                         |            |           |                |                                      |                               | BRIGHTON.           |
| PORTSMOUTH                 | 189,575   | 99   | 48   | 9   | 10  | -   | -  | -           | 1  | 1   | 1   | 1   | 1   | 4   | 6   | 1   | 17.9 | 1.1                     | 72.0        | 39.2     | 53.1  | 11.72       | 0.06       | 1.68     | PORTSMOUTH.       |             |                     |                         |            |           |                |                                      |                               | PORTSMOUTH.         |
| NORWICH                    | 58,675  | 74   | 44   | 6   | 17  | -   | -  | -           | 3  | -   | -   | -   | 2   | 3   | 4   | 4   | 24.5 | 2.2                     | -           | -        | -     | -           | -          | -        | NORWICH.          |             |                     |                         |            |           |                |                                      |                               | NORWICH.            |
| PLYMOUTH                   | 77,674  | 42   | 31   | 5   | 7   | -   | -  | -           | -  | -   | -   | -   | -   | 2   | 1   | 2   | 30.8 | 0.0                     | 67.2        | 38.3     | 52.6  | 11.44       | 1.05       | 2.67     | PLYMOUTH.         |             |                     |                         |            |           |                |                                      |                               | PLYMOUTH.           |
| BRISTOL                    | 226,510   | 117  | 74   | 20  | 23  | 1   | 2  | 1           | -  | 2   | 1   | 1   | 2   | 4   | 9   | 2   | 17.0 | 0.7                     | 72.0        | 35.5     | 51.4  | 10.78       | 0.82       | 2.08     | BRISTOL.          |             |                     |                         |            |           |                |                                      |                               | BRISTOL.            |
| WOLVERHAMPTON              | 51,661  | 53   | 35   | 9   | 8   | -   | 2  | 1           | -  | 2   | 1   | 1   | 2   | 4   | 2   | 2   | 22.3 | 3.8                     | 69.7        | 34.5     | 49.4  | 9.67        | 0.35       | 0.89     | WOLVERHAMPTON.    |             |                     |                         |            |           |                |                                      |                               | WOLVERHAMPTON.      |
| BIRMINGHAM                 | 447,912   | 274  | 162  | 37  | 35  | -   | 1  | -           | 1  | -   | 2   | 4   | 6   | 15  | 31  | 11  | 18.9 | 0.9                     | -           | -        | -     | -           | -          | -        | BIRMINGHAM.       |             |                     |                         |            |           |                |                                      |                               | BIRMINGHAM.         |
| LEICESTER*                 | 146,790   | 96   | 43   | 17  | 6   | -   | -  | -           | -  | 3   | -   | -   | 5   | 10  | 3   | 3   | 15.3 | 1.1                     | -           | -        | -     | -           | -          | -        | LEICESTER.        |             |                     |                         |            |           |                |                                      |                               | LEICESTER.          |
| NOTTINGHAM*                | 230,921   | 133  | 63   | 8   | 20  | -   | 2  | -           | -  | -   | -   | 1   | 3   | 6   | 3   | 1   | 14.2 | 0.7                     | -           | -        | -     | -           | -          | -        | NOTTINGHAM.       |             |                     |                         |            |           |                |                                      |                               | NOTTINGHAM.         |
| DERBY                      | 66,241  | 40   | 36   | 3   | 8   | -   | 1  | 1           | -  | 2   | -   | -   | 3   | 5   | 4   | -   | 19.5 | 2.2                     | -           | -        | -     | -           | -          | -        | DERBY.            |             |                     |                         |            |           |                |                                      |                               | DERBY.              |
| BIRKENHEAD                 | 100,083   | 67   | 40   | 12  | 5   | -   | -  | -           | 1  | 1   | 1   | 1   | 1   | 1   | 7   | 1   | 20.9 | 1.6                     | -           | -        | -     | -           | -          | -        | BIRKENHEAD.       |             |                     |                         |            |           |                |                                      |                               | BIRKENHEAD.         |
| LIVERPOOL                  | 569,738   | 350  | 217  | 60  | 32  | -   | -  | 3           | 1  | 8   | 3   | 7   | 6   | 6   | 43  | 14  | 18.9 | 1.9                     | 79.0        | 39.6     | 52.5  | 11.39       | 0.07       | 0.18     | LIVERPOOL.        |             |                     |                         |            |           |                |                                      |                               | LIVERPOOL.          |
| LONDON                     | 113,566   | 55   | 37   | 10  | 3   | -   | 2  | 2           | -  | 2   | -   | 1   | -   | -   | 3   | 1   | 17.0 | 3.2                     | -           | -        | -     | -           | -          | -        | LONDON.           |             |                     |                         |            |           |                |                                      |                               | LONDON.             |
| MANCHESTER                 | 578,164   | 243  | 162  | 39  | 27  | -   | -  | 3           | 1  | 10  | 3   | 4   | 3   | 10  | 27  | 5   | 22.4 | 2.9                     | -           | -        | -     | -           | -          | -        | MANCHESTER.       |             |                     |                         |            |           |                |                                      |                               | MANCHESTER.         |
| SALFORD*                   | 226,336   | 132  | 102  | 33  | 9   | -   | 1  | 1           | 1  | 1   | 2   | -   | 2   | 3   | 18  | 7   | 23.5 | 3.7                     | -           | -        | -     | -           | -          | -        | SALFORD.          |             |                     |                         |            |           |                |                                      |                               | SALFORD.            |
| OLDHAM                     | 188,220   | 79   | 61   | 16  | 12  | -   | -  | 1           | 1  | 1   | -   | 1   | 1   | 2   | 1   | 4   | 23.0 | 1.5                     | -           | -        | -     | -           | -          | -        | OLDHAM.           |             |                     |                         |            |           |                |                                      |                               | OLDHAM.             |
| BLACKBURN                  | 119,039   | 89   | 58   | 17  | 10  | -   | -  | 3           | -  | 3   | 1   | 1   | 1   | 1   | 8   | 4   | 25.4 | 3.5                     | -           | -        | -     | -           | -          | -        | BLACKBURN.        |             |                     |                         |            |           |                |                                      |                               | BLACKBURN.          |
| PRESTON                    | 163,234   | 57   | 44   | 10  | 9   | -   | -  | -           | -  | 1   | -   | -   | 2   | 2   | 3   | 3   | 22.2 | 0.5                     | -           | -        | -     | -           | -          | -        | PRESTON.          |             |                     |                         |            |           |                |                                      |                               | PRESTON.            |
| HUDDESFIELD                | 91,419  | 37   | 36   | 9   | 8   | -   | -  | 1           | -  | 2   | -   | -   | 3   | 3   | 4   | 2   | 20.5 | 1.7                     | -           | -        | -     | -           | -          | -        | HUDDESFIELD.      |             |                     |                         |            |           |                |                                      |                               | HUDDESFIELD.        |
| HALIFAX                    | 80,138  | 38   | 25   | 6   | 4   | -   | -  | -           | -  | -   | -   | -   | 3   | 2   | 4   | 1   | 16.3 | 0.0                     | -           | -        | -     | -           | -          | -        | HALIFAX.          |             |                     |                         |            |           |                |                                      |                               | HALIFAX.            |
| BRADFORD*                  | 229,721   | 118  | 84   | 22  | 23  | -   | 2  | 1           | -  | -   | 1   | 2   | 1   | 1   | 7   | 5   | 19.1 | 1.4                     | 63.6        | 40.0     | 50.7  | 10.39       | 0.21       | 0.53     | BRADFORD.         |             |                     |                         |            |           |                |                                      |                               | BRADFORD.           |
| LEEDS                      | 351,210   | 198  | 125  | 28  | 23  | -   | -  | 2           | -  | 3   | -   | 1   | 3   | 7   | 11  | -   | 18.6 | 0.9                     | -           | -        | -     | -           | -          | -        | LEEDS.            |             |                     |                         |            |           |                |                                      |                               | LEEDS.              |
| SHEFFIELD                  | 321,711   | 177  | 122  | 34  | 23  | 8   | -  | -           | 1  | 16  | -   | 2   | 4   | 4   | 24  | 10  | 19.8 | 4.4                     | -           | -        | -     | -           | -          | -        | SHEFFIELD.        |             |                     |                         |            |           |                |                                      |                               | SHEFFIELD.          |
| HULL                       | 202,359   | 123  | 84   | 24  | 15  | -   | -  | -           | -  | 5   | 1   | 3   | 1   | 1   | 11  | 5   | 21.7 | 2.3                     | 73.0        | 38.0     | 51.0  | 10.56       | 0.31       | 0.79     | HULL.             |             |                     |                         |            |           |                |                                      |                               | HULL.               |
| SUNDERLAND                 | 151,919   | 112  | 44   | 6   | 12  | -   | -  | -           | 1  | 1   | -   | -   | 3   | 5   | 7   | -   | 17.4 | 0.8                     | -           | -        | -     | -           | -          | -        | SUNDERLAND.       |             |                     |                         |            |           |                |                                      |                               | SUNDERLAND.         |
| NEWCASTLE*                 | 119,663   | 121  | 62   | 10  | 18  | -   | -  | -           | -  | 4   | -   | -   | 2   | 4   | 8   | 2   | 20.3 | 1.3                     | 66.0        | 40.0     | 49.4  | 9.67        | 0.06       | 0.15     | NEWCASTLE.        |             |                     |                         |            |           |                |                                      |                               | NEWCASTLE.          |
| CARDIFF*                   | 108,570   | 100  | 45   | 10  | 8   | -   | 1  | 2           | -  | -   | -   | -   | 6   | 6   | 9   | 1   | 21.6 | 1.4                     | -           | -        | -     | -           | -          | -        | CARDIFF.          |             |                     |                         |            |           |                |                                      |                               | CARDIFF.            |
| EDINBURGH                  | 262,733   | 176  | 104  | 24  | 25  | -   | 2  | -           | 2  | 2   | -   | 1   | 3   | 9   | 20  | 23  | 20.7 | 1.4                     | 75.5        | 38.2     | 52.0  | 11.11       | 0.42       | 1.07     | EDINBURGH.        |             |                     |                         |            |           |                |                                      |                               | EDINBURGH.          |
| GLASGOW                    | 526,088   | 396  | 224  | 34  | 30  | -   | 10 | 1           | -  | 11  | -   | 6   | 6   | 9   | 27  | 24  | 22.2 | 2.8                     | 76.8        | 38.1     | 51.6  | 10.89       | 0.90       | 2.29     | GLASGOW.          |             |                     |                         |            |           |                |                                      |                               | GLASGOW.            |
| DUBLIN                     | 365,962   | 196  | 160  | 28  | 37  | -   | -  | -           | -  | 7   | 7   | 4   | 1   | 3   | 53  | 20  | 23.6 | 2.8                     | 61.8        | 39.0     | 49.1  | 9.50        | 0.10       | 0.25     | DUBLIN.           |             |                     |                         |            |           |                |                                      |                               | DUBLIN.             |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTIETH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2514 | 2266 | 2296 | 2463 | 2462 | 2407 | 2556 | 2391 | 2690 | 2483 | 2674.7   | 2364 |
| Males . .           | 1271 | 1185 | 1195 | 1285 | 1233 | 1211 | 1279 | 1222 | 1340 | 1242 | 1359.1   | 1256 |
| Females .           | 1243 | 1081 | 1101 | 1178 | 1229 | 1196 | 1277 | 1169 | 1350 | 1241 | 1315.6   | 1108 |
| <b>TOTAL Deaths</b> | 1380 | 1532 | 1297 | 1488 | 1419 | 1530 | 1536 | 1554 | 1379 | 1536 | 1597.6   | 1469 |
| Males . .           | 716  | 891  | 653  | 749  | 710  | 793  | 801  | 811  | 703  | 819  | 827.5  | 754  |
| Females .           | 664  | 701  | 644  | 739  | 709  | 737  | 735  | 743  | 678  | 717  | 770.1  | 715  |

The numbers in this column are the average weekly numbers in the twentieth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Feb. 25. | Mar. 3. | Mar. 10. | Mar. 17. | Mar. 24. | Mar. 31. | Apr. 7. | Apr. 14. | Apr. 21. | Apr. 28. | May 5. | May 12. | May 19. |
|--|----------|---------|----------|----------|----------|----------|---------|----------|----------|----------|--------|---------|---------|
| <b>TOTAL Births</b> - -                    | 2473     | 2778    | 2583     | 2629     | 2522     | 2492     | 2588    | 2831     | 2579     | 2577     | 2650   | 2574    | 2364    |
| <b>TOTAL Deaths</b> - -                    | 1772     | 1794    | 1886     | 1604     | 1655     | 1668     | 1593    | 1692     | 1551     | 1437     | 1429   | 1360    | 1469    |
| 0-20 - -                                   | 772      | 795     | 811      | 698      | 715      | 747      | 716     | 800      | 681      | 628      | 643    | 615     | 637     |
| 20-40 - -                                  | 199      | 215     | 223      | 201      | 197      | 183      | 189     | 215      | 212      | 177      | 187    | 186     | 212     |
| 40-60 - -                                  | 331      | 313     | 300      | 275      | 285      | 340      | 270     | 278      | 265      | 277      | 243    | 233     | 272     |
| 60-80 - -                                  | 388      | 391     | 465      | 353      | 384      | 329      | 320     | 335      | 310      | 303      | 277    | 255     | 276     |
| at 80 years & upwds.                       | 82       | 80      | 87       | 77       | 74       | 69       | 98      | 64       | 83       | 53       | 79     | 66      | 72      |
| Deaths of children {                       |          |         |          |          |          |          |         |          |          |          |        |         |         |
| Under 1 year -                             | 351      | 371     | 424      | 332      | 361      | 363      | 346     | 395      | 367      | 329      | 324    | 319     | 296     |
| 1-5 - -                                    | 320      | 302     | 281      | 274      | 254      | 273      | 263     | 302      | 229      | 209      | 223    | 190     | 254     |
| 5-20 - -                                   | 101      | 122     | 106      | 92       | 100      | 103      | 107     | 103      | 85       | 90       | 94     | 106     | 87      |
| Deaths from Small-pox -                    | -        | -       | 2        | -        | -        | -        | -       | -        | -        | 1        | -      | -       | -       |
| " " Measles - -                            | 18       | 15      | 21       | 22       | 18       | 17       | 16      | 12       | 18       | 16       | 14     | 22      | 18      |
| " " Scarlet fever -                        | 32       | 27      | 29       | 25       | 24       | 40       | 20      | 17       | 21       | 15       | 23     | 19      | 13      |
| " " Diphtheria - -                         | 30       | 24      | 24       | 22       | 17       | 15       | 16      | 19       | 10       | 22       | 15     | 15      | 29      |
| " " Whooping-cough -                       | 127      | 94      | 101      | 92       | 80       | 93       | 89      | 108      | 91       | 80       | 87     | 52      | 64      |
| " " Typhus - -                             | -        | -       | -        | 1        | 1        | 1        | -       | -        | -        | -        | 1      | -       | -       |
| " " Enteric fever - -                      | 16       | 15      | 20       | 10       | 10       | 13       | 20      | 9        | 13       | 7        | 11     | 9       | 12      |
| " " Simple Cont <sup>d</sup> fever -       | -        | -       | -        | 1        | -        | -        | 1       | -        | 1        | -        | -      | 1       | -       |
| " " Diarrhœa and } Dysentery - -           | 8        | 10      | 17       | 10       | 6        | 16       | 17      | 19       | 23       | 17       | 19     | 14      | 15      |
| " " Cholera - -                            | 1        | -       | -        | -        | -        | -        | 1       | -        | -        | -        | -      | 1       | -       |
| Deaths from the above-mentioned Diseases } | 232      | 185     | 214      | 183      | 156      | 195      | 180     | 184      | 177      | 158      | 170    | 133     | 151     |
| " " Dis. of Respira- } tory System - -     | 478      | 488     | 490      | 459      | 457      | 460      | 419     | 444      | 363      | 343      | 287    | 260     | 296     |
| " " Phthisis - -                           | 170      | 165     | 159      | 140      | 144      | 155      | 152     | 150      | 137      | 146      | 135    | 134     | 176     |
| " " Dis. of Circula- } tory System }       | 134      | 137     | 161      | 137      | 133      | 130      | 128     | 134      | 129      | 87       | 122    | 119     | 105     |
| Violent Deaths - -                         | 62       | 65      | 51       | 58       | 64       | 75       | 56      | 52       | 48       | 56       | 39     | 51      | 63      |
| Inquest Cases - -                          | 107      | 149     | 123      | 116      | 120      | 129      | 129     | 121      | 109      | 110      | 101    | 106     | 113     |
| Deaths in Public Institutions              | 405      | 379     | 424      | 355      | 365      | 376      | 347     | 347      | 352      | 352      | 332    | 305     | 370     |
| TEMPERATURE OF THE AIR                     |          |         |          |          |          |          |         |          |          |          |        |         |         |
| Mean - -                                   | 29.8     | 31.5    | 42.6     | 37.2     | 34.7     | 40.0     | 37.1    | 42.2     | 48.5     | 45.7     | 49.0   | 52.3    | 55.9    |
| Mean of Highest readings -                 | 33.9     | 35.9    | 48.8     | 43.2     | 40.6     | 47.5     | 47.0    | 50.3     | 59.0     | 51.4     | 58.9   | 64.1    | 68.0    |
| Mean of Lowest readings -                  | 25.9     | 27.5    | 36.9     | 32.7     | 30.4     | 34.5     | 29.3    | 35.3     | 41.2     | 37.8     | 40.2   | 41.2    | 45.6    |
| Humidity of the Air - -                    | 76       | 76      | 79       | 81       | 80       | 87       | 78      | 78       | 82       | 86       | 63     | 69      | 69      |
| Rain-fall in inches - -                    | 0.21     | 0.02    | 0.30     | 0.95     | 0.66     | 0.87     | 0.08    | 0.11     | 0.65     | 0.67     | 0.16   | 0.00    | 0.32    |
| Registered Sunshine (in hours)             | 6.0      | 10.4    | 6.5      | 10.8     | 11.3     | 11.2     | 29.0    | 21.5     | 35.7     | 8.0      | 43.2   | 51.0    | 39.4    |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. R. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTIETH Week of the Year 1888.

| CAUSES OF DEATH.                             |  | Corrected Averages for the 20th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 19th May 1888. |           |      |       |                  |                  |                  |                       |   |           | CAUSES OF DEATH. |    | Corrected Averages for the 20th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 19th May 1888. |                  |                  |                       |      |       |  |  |  |  |
|--|--|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|-----------|------------------|----|---|---|------------------|------------------|-----------------------|------|-------|--|--|--|--|
|  |  |   | Deaths of Persons of the Ages               |           |      |       |                  |                  |                  |                       |   |           |                  |    |   | Deaths of Persons of the Ages               |                  |                  |                       |      |       |  |  |  |  |
|  |  |   | ALL AGES.                                   | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | ALL AGES.   | Under 20. |                  |    |   | 20 and under 40.                            | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |      |       |  |  |  |  |
|  |  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   | 0-1.      |                  |    |   |   |                  |                  |                       | 1-5. | 5-20. |  |  |  |  |
| ALL CAUSES - -                               |  | 1597.6  | 1469  | 296       | 254  | 87    | 212              | 272              | 276              | 72                    | Diseases of Organs of Special Sense † - -                   | 1.9       | 3                | 1  | -   | 2   | -                | -                | -                     | -    |       |  |  |  |  |
| Small-pox                                    | Vaccinated † - - - -<br>Unvaccinated - - - -<br>No Statement - - - - | 25.7  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - - -                      | 101.7     | 105              | 2  | 1   | 6   | 13               | 30               | 43                    | 5    |       |  |  |  |  |
| Measles - - - - -                            |  | 61.4  | 18  | 2         | 16   | -     | -                | -                | -                | -                     | Croup - - - - -   | 13.7      | 13               | 1  | 12  | -   | -                | -                | -                     | -    |       |  |  |  |  |
| Scarlet Fever - - - -                        |  | 25.1  | 13  | -         | 7    | 6     | -                | -                | -                | -                     | Bronchitis - - - - -  | 166.4     | 167              | 33 | 37  | 1   | 5                | 16               | 49                    | 11   |       |  |  |  |  |
| Typhus - - - - -                             |  | 1.4   | -   | -         | -    | -     | -                | -                | -                | -                     | Pneumonia - - - - -   | 91.8      | 93               | 14 | 20  | 1   | 21               | 13               | 22                    | 1    |       |  |  |  |  |
| Relapsing Fever † - -                        |  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Pleurisy - - - - -  | 6.9       | 9                | -  | 2   | 1   | 3                | 3                | -                     | -    |       |  |  |  |  |
| Influenza - - - - -                          |  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - -                  | 27.8      | 25               | 2  | 4   | 1   | 6                | 6                | 5                     | 1    |       |  |  |  |  |
| Whooping-cough - - -                         |  | 73.9  | 64  | 13        | 43   | 3     | -                | -                | -                | -                     | Dentition † - - - - -                                       | 18.8      | 11               | 9  | 2   | -   | -                | -                | -                     | -    |       |  |  |  |  |
| Diphtheria - - - - -                         |  | 11.7  | 29  | -         | 21   | 6     | 1                | 1                | -                | -                     | Quinsy, Sore Throat † - -                                   | 1.9       | 1                | -  | -   | -   | -                | -                | -                     | -    |       |  |  |  |  |
| Simple Continued and Ill-defined Fever - }   |  | 2.7   | -   | -         | -    | -     | -                | -                | -                | -                     | Enteritis - - - - -   | 7.3       | 5                | 3  | 1   | -   | 1                | -                | -                     | -    |       |  |  |  |  |
| Enteric Fever - - - - -                      |  | 11.8  | 12  | -         | 2    | 3     | 6                | 1                | -                | -                     | Peritonitis - - - - -                                       | 7.2       | 9                | 1  | 1   | 1   | 4                | 1                | -                     | 1    |       |  |  |  |  |
| Cholera - - - - -                            |  | 0.4   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Liver - - - - -                                 | 30.6      | 24               | 3  | -   | -   | 2                | 8                | 10                    | 1    |       |  |  |  |  |
| Diarrhoea, Dysentery -                       |  | 15.5  | 15  | 9         | 2    | -     | 1                | 2                | 1                | -                     | Other Diseases of Digestive System - }                      | 29.7      | 30               | 8  | 2   | 1   | 2                | 7                | 6                     | 4    |       |  |  |  |  |
| Remittent Fever † - -                        |  | 0.7   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - - } | 2.5       | 1                | -  | -   | -   | -                | 1                | -                     | -    |       |  |  |  |  |
| Hydrophobia - - - - -                        |  | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System - - - - }                        | 36.6      | 52               | 1  | 1   | 2   | 10               | 17               | 31                    | -    |       |  |  |  |  |
| Glanders - - - - -                           |  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - - - }                     | 5.3       | 3                | -  | -   | -   | 2                | -                | 1                     | -    |       |  |  |  |  |
| Cowpox and Effects of Vaccination † - - }    |  | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth - -                                 | 4.6       | 2                | -  | -   | -   | -                | 2                | -                     | -    |       |  |  |  |  |
| Veneral Affections - -                       |  | 9.8   | 11  | 9         | -    | -     | 2                | -                | -                | -                     | Diseases of Locomotive System † - - - }                     | 8.3       | 6                | -  | -   | 2   | 2                | 1                | 1                     | -    |       |  |  |  |  |
| Erysipelas - - - - -                         |  | 7.6   | 11  | 4         | -    | -     | 2                | 2                | 2                | 1                     | Diseases of Integumentary System - - }                      | 5.7       | 3                | 1  | -   | 1   | -                | -                | 4                     | 2    |       |  |  |  |  |
| Pyæmia and Septicæmia †                      |  | 3.3   | 5   | -         | -    | -     | 1                | 2                | 2                | -                     | VIOLENT DEATHS. §   |           |                  |    |   |   |                  |                  |                       |      |       |  |  |  |  |
| Puerperal Fever - - -                        |  | 6.3   | 2   | -         | -    | 2     | -                | -                | -                | -                     | ACCIDENT.)  |           |                  |    |   |   |                  |                  |                       |      |       |  |  |  |  |
| Other Zymotic Diseases †                     |  | 2.8   | 4   | 1         | 1    | -     | -                | 1                | 1                | -                     | Fracture and Contusion - -                                  | 22.8      | 21               | -  | 3   | 4   | 5                | 6                | 2                     | 1    |       |  |  |  |  |
| Thrush - - - - -                             |  | 2.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Gunshot Wound - - - - -                                     | 0.3       | 1                | -  | -   | -   | -                | -                | -                     | -    |       |  |  |  |  |
| Worms and other Parasitical Diseases - }     |  | 0.4   | -   | -         | -    | -     | -                | -                | -                | -                     | Cut, Stab - - - - -   | 0.3       | 1                | -  | -   | -   | -                | -                | -                     | -    |       |  |  |  |  |
| Starvation, Want of Breast-milk † - - }      |  | 1.2   | 1   | -         | -    | -     | 1                | -                | -                | -                     | Burn and Scald - - - - -                                    | 6.1       | 6                | 1  | 2   | 2   | -                | 1                | -                     | -    |       |  |  |  |  |
| Alcoholism - - - - -                         |  | 3.3   | 3   | -         | -    | -     | 2                | 1                | -                | -                     | Poison - - - - -  | 1.3       | 2                | -  | -   | -   | 1                | 1                | -                     | -    |       |  |  |  |  |
| Rheumatic Fever, Rheumatism of Heart †       |  | 8.1   | 8   | -         | -    | 3     | 2                | 3                | -                | -                     | Drowning - - - - -  | 7.5       | 7                | -  | -   | 1   | 6                | -                | -                     | -    |       |  |  |  |  |
| Rheumatism † - - - - -                       |  | 2.3   | 5   | -         | -    | -     | -                | 1                | 4                | -                     | Suffocation - - - - -                                       | 12.3      | 9                | 9  | -   | -   | -                | -                | -                     | -    |       |  |  |  |  |
| Gout - - - - -                               |  | 3.2   | 2   | -         | -    | -     | -                | -                | -                | -                     | Otherwise - - - - -   | 2.6       | 1                | -  | -   | -   | 1                | -                | -                     | -    |       |  |  |  |  |
| Rickets † - - - - -                          |  | 3.5   | 5   | 1         | 4    | -     | -                | -                | -                | -                     | (HOMICIDE.)   |           |                  |    |   |   |                  |                  |                       |      |       |  |  |  |  |
| Cancer - - - - -                             |  | 50.3  | 65  | -         | -    | 1     | 3                | 30               | 29               | 2                     | Murder & Manslaughter - -                                   | 1.5       | 4                | 2  | -   | -   | -                | 1                | 1                     | -    |       |  |  |  |  |
| Tubercles Mesenterica -                      |  | 22.6  | 19  | 6         | 9    | 2     | -                | -                | -                | -                     | (SUICIDE.)  |           |                  |    |   |   |                  |                  |                       |      |       |  |  |  |  |
| Tubercular Meningitis -                      |  | 34.9  | 32  | 10        | 13   | 3     | 1                | -                | -                | -                     | Gunshot Wound - - - - -                                     | 0.8       | 1                | -  | -   | -   | -                | 1                | -                     | -    |       |  |  |  |  |
| Phthisis - - - - -                           |  | 191.0   | 173   | 3         | 2    | 20    | 80               | 64               | 7                | -                     | Cut, Stab - - - - -   | 2.1       | 1                | -  | -   | -   | -                | 1                | -                     | -    |       |  |  |  |  |
| Scrophula, Tuberculosis -                    |  | 17.9  | 13  | 7         | 6    | 5     | -                | -                | -                | -                     | Poison - - - - -  | 1.1       | 3                | -  | -   | -   | 2                | 1                | -                     | -    |       |  |  |  |  |
| Other Constitutional Diseases † - }          |  | 12.3  | 10  | 1         | -    | 1     | 2                | 3                | 3                | -                     | Drowning - - - - -  | 1.3       | 3                | -  | -   | -   | -                | -                | -                     | -    |       |  |  |  |  |
| Premature Birth - - - - -                    |  | 36.2  | 36  | 36        | -    | -     | -                | -                | -                | -                     | Hanging - - - - -   | 2.3       | 2                | -  | -   | -   | -                | 1                | 1                     | -    |       |  |  |  |  |
| Atelectasis † - - - - -                      |  | 2.8   | -   | -         | -    | -     | -                | -                | -                | -                     | Otherwise - - - - -   | 0.9       | 3                | -  | -   | -   | -                | 2                | 1                     | -    |       |  |  |  |  |
| Congenital Malformations - }                 |  | 8.1   | 6   | 5         | 1    | -     | -                | -                | -                | -                     | (EXECUTION.)  |           |                  |    |   |   |                  |                  |                       |      |       |  |  |  |  |
| Old Age - - - - -                            |  | 49.0  | 53  | -         | -    | -     | -                | 25               | 23               | -                     | Hanging - - - - -   | 0.0       | -                | -  | -   | -   | -                | -                | -                     | -    |       |  |  |  |  |
| Apoplexy - - - - -                           |  | 45.5  | 35  | -         | -    | -     | 16               | 10               | 9                | -                     | OTHER CAUSES † - -  | 53.7      | 56               | 39 | 4   | 2   | 1                | 4                | 5                     | 1    |       |  |  |  |  |
| Epilepsy - - - - -                           |  | 9.2   | 9   | -         | -    | 2     | 1                | 3                | 3                | -                     |   |           |                  |    |   |   |                  |                  |                       |      |       |  |  |  |  |
| Convulsions - - - - -                        |  | 49.8  | 43  | 30        | 13   | -     | -                | -                | -                | -                     |   |           |                  |    |   |   |                  |                  |                       |      |       |  |  |  |  |
| Other Diseases of Brain and Nervous System } |  | 92.8  | 84  | 17        | 17   | 4     | 12               | 15               | 15               | 4                     |   |           |                  |    |   |   |                  |                  |                       |      |       |  |  |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).  
 \* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.144 per cent. for increase of population.  
 † As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.  
 ‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."  
 § The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident; murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

| The DEATHS registered in the Week include                                   |  |                                    |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                                   |                                   |
|---|--|------------------------------------|-------------------------------------|---------------------------------|---------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|------------|-----------|-----|-----|-----------------------------------|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Lives during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                       | Deaths from |          |                |             |                 |         |                                   |                              |            |           |     |     | Deaths in Public<br>Institutions. | Deaths from<br>Unrecorded Causes. |
|   |  |                                    |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |     |                                   |                                   |
| LONDON . . . . .  | 3,815,704                                    | 2364                               | 1469                                | 296                             | 348                                   | -           | 18       | 13             | 29          | 64              | -       | 12                                | -                            | 15         | 63        | 113 | 370 |                                   |                                   |
| WEST DISTRICTS . . . . .  | 669,638                                      | 358                                | 290                                 | 40                              | 75                                    | -           | 4        | 4              | 9           | 11              | -       | 1                                 | -                            | 2          | 13        | 22  | 77  |                                   |                                   |
| NORTH DISTRICTS . . . . .   | 905,947                                      | 479                                | 324                                 | 63                              | 86                                    | -           | 8        | 2              | 3           | 14              | -       | 4                                 | -                            | 2          | 10        | 24  | 61  |                                   |                                   |
| CENTRAL DISTRICTS . . . . .   | 282,238                                      | 155                                | 102                                 | 11                              | 17                                    | -           | -        | -              | 2           | 2               | -       | 1                                 | -                            | 1          | 6         | 9   | 50  |                                   |                                   |
| EAST DISTRICTS . . . . .  | 692,738                                      | 489                                | 270                                 | 65                              | 60                                    | -           | 2        | 1              | 8           | 11              | -       | 3                                 | -                            | 4          | 16        | 30  | 82  |                                   |                                   |
| SOUTH DISTRICTS . . . . .   | 1,265,148                                    | 883                                | 483                                 | 108                             | 110                                   | -           | 4        | 6              | 7           | 26              | -       | 3                                 | -                            | 6          | 18        | 28  | 100 |                                   |                                   |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -  | -                                  | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| WEST DISTRICTS.   |  |                                    |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                                   |                                   |
| St. Mary Paddington WHH G.J. & W.M.   | 69833  | 37                                 | 36                                  | 5                               | 6                                     | -           | -        | -              | 1           | 4               | 1       | -                                 | 1                            | -          | 1         | 1   | 11  |                                   |                                   |
| St. John Paddington H - - G.J.  | 37330  | 11                                 | 9                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | 4   |                                   |                                   |
| Kensington Town Ww - - W.M.   | 120141                                       | 62                                 | 65                                  | 6                               | 20                                    | -           | 4        | -              | 3           | 4               | -       | -                                 | -                            | -          | 2         | 4   | 14  |                                   |                                   |
| Brompton HH - - W.M. & C.   | 43010  | 14                                 | 10                                  | -                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 4   |                                   |                                   |
| St. Peter Hammersmith - - W.M.  | 7599   | 5                                  | 5                                   | -                               | 3                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. Paul Hammersmith H W.M. & G.J.  | 64340  | 34                                 | 26                                  | 5                               | 6                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | 1          | 2         | 2   | 3   |                                   |                                   |
| Fulham Ww - - W.M. & C.   | 42900  | 45                                 | 30                                  | 8                               | 10                                    | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | 3   | 10  |                                   |                                   |
| Chelsea South HHR - - C.  | 90396  | 16                                 | 16                                  | 5                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 2   | 1   |                                   |                                   |
| Chelsea North-west WHHHH - C.   | 24925  | 22                                 | 18                                  | 3                               | 7                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | 8   |                                   |                                   |
| Chelsea North-east - - C.   | 32807  | 31                                 | 14                                  | 3                               | 2                                     | -           | -        | -              | 1           | 1               | -       | -                                 | -                            | -          | 1         | -   | -   |                                   |                                   |
| May Fair WW - - G.J.  | 90353  | 8                                  | 15                                  | 2                               | 5                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | 6   |                                   |                                   |
| Belgrave WHHH - - C.  | 69220  | 29                                 | 19                                  | 4                               | 4                                     | -           | -        | -              | 1           | 1               | -       | -                                 | -                            | 3          | 4         | 12  | 1   |                                   |                                   |
| St. John Westminster HHR - C.   | 35498  | 19                                 | 12                                  | 4                               | 1                                     | -           | -        | -              | 2           | 1               | -       | -                                 | -                            | 1          | 2         | 1   | 1   |                                   |                                   |
| St. Margaret Westminster H - C.   | 24679  | 7                                  | 6                                   | -                               | 1                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -   | 3   |                                   |                                   |
| St. James Westminster WHH N.R. & G.J.                                       | 29941  | 10                                 | 5                                   | 2                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. Anne Soho HHHHHH - N.R.   | 16668  | 8                                  | 4                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| NORTH DISTRICTS.  |  |                                    |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                                   |                                   |
| All Souls Marylebone HHHH - W.M.  | 26769  | 14                                 | 11                                  | 1                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 5   |                                   |                                   |
| Cavendish Square HHHH - W.M.  | 14891  | 8                                  | 4                                   | 1                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 2   |                                   |                                   |
| Rectory Marylebone WH G.J. & W.M.   | 24809  | 9                                  | 9                                   | -                               | 1                                     | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118  | 15                                 | 8                                   | 2                               | 3                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                                   |                                   |
| Christchurch Marylebone H - W.M.  | 33700  | 15                                 | 14                                  | 2                               | 4                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. John Marylebone H - W.M.  | 33635  | 12                                 | 10                                  | 3                               | 3                                     | -           | -        | -              | -           | 2               | -       | -                                 | -                            | -          | -         | 1   | -   |                                   |                                   |
| Hampstead WwvHHH N.R. & W.M.  | 45452  | 14                                 | 21                                  | -                               | 9                                     | -           | -        | 1              | -           | 2               | -       | -                                 | -                            | -          | -         | -   | 2   |                                   |                                   |
| Regent's Park Pancras H - W.M.  | 39115  | 12                                 | 16                                  | 6                               | 5                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | 2         | 4   | -   |                                   |                                   |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 19                                 | 19                                  | 7                               | 3                                     | -           | -        | -              | -           | -               | -       | 1                                 | -                            | -          | -         | 8   | -   |                                   |                                   |
| Gray's Inn Lane HHH - N.R.  | 39247  | 12                                 | 10                                  | 1                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 4   | -   |                                   |                                   |
| Somers Town H - - N.R.  | 84369  | 19                                 | 14                                  | 5                               | 2                                     | -           | -        | -              | -           | 3               | -       | -                                 | -                            | -          | -         | 2   | -   |                                   |                                   |
| Kentish Town WH - - N.R.  | 17311  | 12                                 | 11                                  | 1                               | 4                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | 1          | 2         | 7   | -   |                                   |                                   |
| Upper Holloway WvWwH - N.R.   | 87487  | 52                                 | 31                                  | 4                               | 6                                     | -           | -        | -              | -           | 1               | -       | 1                                 | -                            | 1          | 5         | 7   | -   |                                   |                                   |
| Islington South-west HH - N.R.  | 67946  | 40                                 | 36                                  | 6                               | 9                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | 2          | 3         | 12  | -   |                                   |                                   |
| Islington South-east - - N.R.   | 100976                                       | 61                                 | 28                                  | 8                               | 8                                     | -           | 1        | -              | 1           | -               | -       | -                                 | -                            | 1          | 2         | -   | -   |                                   |                                   |
| Highbury H - - N.R.   | 61825  | 34                                 | 11                                  | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | 1                                 | -                            | -          | 1         | -   | -   |                                   |                                   |
| Stoke Newington H - - N.R.  | 62048  | 24                                 | 8                                   | 3                               | 1                                     | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Stamford Hill - - E.L.  | 22781  | 9                                  | 4                                   | -                               | 2                                     | -           | -        | -              | -           | 2               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| West Hackney - - E.L.   | 9277   | 7                                  | 3                                   | 1                               | 1                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. James Clerkwell - - N.R.  | 37610  | 20                                 | 11                                  | 2                               | 4                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | 1         | -   | -   |                                   |                                   |
| Hackney WwvWwH - E.L. & N.R.  | 76911  | 48                                 | 35                                  | 4                               | 12                                    | -           | 3        | 1              | 1           | -               | -       | 1                                 | -                            | -          | 2         | 11  | -   |                                   |                                   |
| South Hackney - - E.L.  | 39493  | 23                                 | 14                                  | 4                               | 4                                     | -           | 2        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -   | -   |                                   |                                   |
| CENTRAL DISTRICTS.  |  |                                    |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                                   |                                   |
| St. George Bloomsbury - - N.R.  | 16681  | 5                                  | 8                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. Giles South WH - - N.R.   | 14864  | 13                                 | 4                                   | 1                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 3   |                                   |                                   |
| St. Giles North - - N.R.  | 18837  | 6                                  | 3                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17608  | 5                                  | 9                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -   | 3   |                                   |                                   |
| St. Mary-le-Strand H - - N.R.   | 7616   | 3                                  | 3                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1   |                                   |                                   |
| St. Clement Danes H - - N.R.  | 8569   | 2                                  | 7                                   | -                               | 1                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -   | 5   |                                   |                                   |
| Strand Union Workhouse, Edmonton w.   | -  | -                                  | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. Geo.-the-Martyr HHHHHH N.R.   | 18871  | 12                                 | 11                                  | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 9   |                                   |                                   |
| St. Andrew Eastern W - - N.R.   | 10796  | 4                                  | 1                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Saffron Hill H - - N.R.   | 6693   | 5                                  | 1                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. James Clerkwell - - N.R.  | 17516  | 11                                 | 2                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Amwell Clerkwell - - N.R.   | 19281  | 12                                 | 2                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Fentonville - - N.R.  | 14773  | 8                                  | 7                                   | 1                               | 1                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Goswell-street - - N.R.   | 17606  | 7                                  | 1                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Old-street H - - N.R.   | 11541  | 11                                 | 8                                   | 1                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| City-road HHL - - N.R.  | 18628  | 25                                 | 8                                   | 1                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 3   |                                   |                                   |
| Whitecross-street - - N.R.  | 9217   | 3                                  | 1                                   | -                               | -                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Finsbury - - N.R.   | 7463   | 1                                  | 1                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Holborn Union Workhouse, Mitcham, w.  | -  | -                                  | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| St. Botolph H - - N.R. & E.L.   | 11174  | 6                                  | 2                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Cripplegate - - N.R.  | 7193   | 5                                  | 2                                   | -                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                                   |                                   |
| St. Sepulchre H - - N.R.  | 8398   | 1                                  | 25                                  | -                               | 3                                     | -           | -        | -              | 1           | -               | -       | 1                                 | -                            | 5          | 7         | 23  | -   |                                   |                                   |
| St. Bride W - - N.R.  | 8396   | 5                                  | 2                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |
| Allhallows Barking - - N.R.   | 13686  | 5                                  | 3                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | -   |                                   |                                   |
| Broad Street H - - N.R.   | 6652   | -                                  | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                                   |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies Grand Junction Company; *W.M.* West Middlesex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London; and *K.* the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
 arday, the 19th May, 1888.

[illegible]

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by :-

arylebone Infirmary in Kensington Town sub-district.  
 London Local Sick Asylum in Tottenham Court-road sub-district.  
 Auburn Infirmary in Upper Holloway sub-district.  
 London City Workhouse " Hackney sub-district.  
 " " Brixton New Town sub-district.  
 " " Mile End Old Town Eastern sub-dist.  
 " " Mile End Old Town Eastern sub-dist.  
 " " " and Bromley sub-district.  
 Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Erixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 19th May, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Aeres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Eneume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |           |           |                |                                   |  |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|-----------|-----------|----------------|-----------------------------------|--|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |           |           |                |                                   |  |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |
| LONDON—OUTER RING   |                                | 370,924  | 950,957                                       | 737     | 10      | 77  | 78                                  | -           | -        | 4              | 5           | 23              | 5      | 2         | 9         | 14             | 26                                |  |
| 80:1  | Carshalton wL -                | 12228  | 21118   | 7       | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 2   | Epsom (part of)* WwH           | 2971   | 10710   | -       | 9       | 1   | 7                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | 3                                 |  |
| 37:1  | Godstone (part of)* -          | 2754   | 1235  | -       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 38:1  | Croydon WwHHL -                | 20851  | 101241  | 62      | 20      | 6   | 5                                   | -           | -        | -              | -           | 1               | -      | -         | 1         | 3              | 2                                 |  |
| 2   | Mitcham w† -                   | 11697  | 17992   | 7       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -         | -         | -              | -                                 |  |
| 99:1  | Wimbledon HHH -                | 3220   | 15950   | 12      | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 2   | Kingston WHH -                 | 8549   | 36354   | 15      | 8       | 2   | 1                                   | -           | -        | 1              | -           | -               | -      | -         | -         | -              | 1                                 |  |
| 3   | Esher (part of)* -             | 6601   | 9221  | 11      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 4   | Hampton H -                    | 4573   | 18539   | -       | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 40:1  | Richmond WH -                  | 2272   | 21302   | 13      | 6       | 1   | 3                                   | -           | -        | -              | -           | -               | 1      | 1         | -         | -              | 3                                 |  |
| 2   | Mortlake -                     | 2941   | 12331   | 7       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 41:1  | Bromley (pt. of)* HH           | 15669  | 31142   | 24      | 7       | 3   | 3                                   | -           | -        | -              | -           | 4               | -      | -         | -         | -              | -                                 |  |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15344   | 10      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 42:1  | Bexley H -                     | 13437  | 24134   | 15      | 8       | 2   | -                                   | -           | -        | -              | -           | 1               | -      | -         | -         | -              | -                                 |  |
| 124:1   | Sunbury w -                    | 11055  | 11685   | 11      | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 2   | Staines W -                    | 13277  | 12089   | 12      | 3       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 125:1   | Hillingdon WHH -               | 6029   | 10802   | 3       | 8       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 2   | Uxbridge -                     | 6178   | 3225  | 2       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 3   | Hayes wHL -                    | 14637  | 11523   | 5       | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 126:1   | Isleworth WHH -                | 7008   | 22727   | 22      | 12      | 3   | 6                                   | -           | -        | -              | -           | -               | 1      | -         | -         | 1              | 3                                 |  |
| 2   | Twickenham H -                 | 2477   | 12479   | 7       | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | 1                                 |  |
| 3   | Brentford HL -                 | 4345   | 27649   | 11      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 4   | Chislewick -                   | 1340   | 15975   | 16      | 9       | 1   | 3                                   | -           | -        | 1              | -           | -               | -      | -         | 1         | 2              | -                                 |  |
| 5   | Acton wH -                     | 6083   | 22876   | 13      | 4       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 127:1   | Harrow H -                     | 13809  | 12796   | 5       | 5       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | -         | -         | -              | -                                 |  |
| 2   | Edgware H -                    | 6994   | 3749  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 3   | Willesden -                    | 4383   | 27463   | 35      | 16      | 2   | 3                                   | -           | -        | -              | -           | 2               | -      | -         | -         | -              | -                                 |  |
| 4   | Hendon W -                     | 6382   | 10484   | 7       | 5       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -         | 2         | 2              | 1                                 |  |
| 128:1   | South Mimms -                  | 15599  | 6391  | 5       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 2   | Barnet -                       | 5433   | 10092   | -       | 2       | -   | -                                   | -           | -        | 1              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 3   | Finchley HL -                  | 4688   | 17615   | 9       | 6       | 2   | 2                                   | -           | -        | -              | -           | 1               | -      | -         | -         | 1              | 2                                 |  |
| 129:1   | Hornsey H -                    | 3039   | 37078   | 28      | 10      | 3   | 2                                   | -           | -        | -              | -           | 1               | -      | -         | 1         | 1              | -                                 |  |
| 2   | Tottenham H -                  | 4642   | 46456   | 50      | 16      | 4   | 3                                   | -           | -        | -              | 1           | 1               | -      | -         | -         | -              | 1                                 |  |
| 3   | Edmonton Ww† -                 | 7483   | 23463   | 17      | 13      | 4   | 4                                   | -           | -        | -              | -           | 2               | -      | -         | -         | -              | 3                                 |  |
| 4   | Enfield WH -                   | 12653  | 19104   | 11      | 10      | 1   | 2                                   | -           | -        | 1              | 2           | -               | -      | -         | 1         | 1              | -                                 |  |
| 5   | Waltham Abbey -                | 11017  | 5338  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 6   | Cheshunt -                     | 8490   | 7735  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 135:1   | Hatfield (part of)* -          | 3806   | 583   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 137:1   | Bushey -                       | 9331   | 6631  | 7       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 136:1   | Stratford -                    | 832  | 38906   | 29      | 13      | 8   | 2                                   | -           | -        | -              | -           | 1               | -      | -         | 1         | 1              | -                                 |  |
| 2   | West Ham wwwwH† -              | 7351   | 101053  | 12      | 40      | 13  | 3                                   | -           | -        | -              | 2           | 5               | 2      | -         | 1         | 1              | -                                 |  |
| 3   | Leyton WwL -                   | 4372   | 32430   | 40      | 14      | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -         | 1         | 1              | 6                                 |  |
| 4   | Walthamstow H -                | 6529   | 25869   | 27      | 14      | 4   | 3                                   | -           | -        | -              | -           | 2               | -      | -         | -         | -              | -                                 |  |
| 137:1   | Chigwell (part of)* H          | 11761  | 9669  | 5       | 4       | 1   | 1                                   | -           | -        | -              | -           | 1               | -      | 1         | -         | -              | -                                 |  |
| 139:1   | Romford (part of)* -           | 6730   | 3411  | 4       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 2   | Ilford -                       | 8493   | 7645  | 9       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |
| 3   | Barking Town -                 | 4127   | 9203  | 13      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -         | -         | -              | -                                 |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30:2, Epsom sub-district, except the parishes of Ashstead and Hleadley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Nornaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 19th May, 1888.

| THE GREATER LONDON. | Area in Acres, including tidal water and foreshore. | Estimated Population, middle of 1888. | ANNUAL RATE of MORTALITY per 1000 living. |                              | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include |                                  |             |          |                |             |                 |        |           |           |                                |  |
|---------------------|---|---------------------------------------|---|------------------------------|-------------------------|---|----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|-----------|-----------|--------------------------------|--|
|                     |   |                                       |   |                              |                         | Deaths of                                 |                                  | Deaths from |          |                |             |                 |        |           |           |                                |  |
|                     |   |                                       | From All Causes.                          | From Diseases in Cols. 8-14. |                         | Infants under 1 Year of Age.              | Persons aged 1 Year and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhea. | Violence. | Deaths in Public Institutions. |  |
| Cols.               | 1.  | 2.                                    | 3.  | 4.                           | 5.                      | 6.  | 7.                               | 8.          | 9.       | 10.            | 11.         | 12.             | 13.    | 14.       | 15.       | 16                             |  |
| GREATER LONDON      | 448,334   | 5,527,886                             | 16·8                                      | 1·8                          | 1779                    | 373                                       | 426                              | -           | 18       | 17             | 34          | 87              | 17     | 17        | 72        | 396                            |  |
| INNER LONDON        | 77,410  | 4,282,921                             | 17·9                                      | 1·8                          | 1469                    | 296                                       | 348                              | -           | 18       | 13             | 29          | 64              | 12     | 15        | 63        | 370                            |  |
| OUTER RING          | 370,924   | 1,244,965                             | 13·0                                      | 1·6                          | 310                     | 77  | 78                               | -           | -        | 4              | 5           | 23              | 5      | 2         | 9         | 26                             |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 0·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,302 Persons.

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. | Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                           |
|------------------------------|---------------------------------------|-----------------|-------------|---------------------------------|---------|------------------------------------|--|
| CALCUTTA                     | 433,219                               | April           | 14          | -                               | 232     | 27·9                               | Fevers 62; cholera 59.                                   |
| BOMBAY                       | 773,196                               | "               | 24          | 285                             | 495     | 29·1                               | Fevs. 139; s-p. 30; chol. 10.                            |
| MADRAS                       | 398,777                               | March           | 30          | 299                             | 272     | 35·6                               | Fevers 61; diarr. dis. 40.                               |
|                              |                                       | April           | 6           | 315                             | 299     | 39·1                               | Fevers 59; cholera 15; diarrhoeal diseases 48.           |
| PARIS                        | 2,260,945                             | May             | 12          | 1141                            | 1027    | 23·6                               | Diphtheria and croup 50; typh. fev. 10; meas. 11.        |
| BRUSSELS (with 8 Faubourgs.) | 454,410                               | "               | 12          | 250                             | 177     | 19·5                               | Typhus and typh. fev. 2.                                 |
| AMSTERDAM                    | 390,016                               | "               | 12          | 283                             | 166     | 22·1                               | Whooping-cough 2.  |
| ROTTERDAM                    | 193,658                               | "               | 12          | 149                             | 85      | 22·8                               | Whooping-cough 2.  |
| THE HAGUE                    | 149,477                               | "               | 12          | 102                             | 54      | 18·7                               | Whooping-cough 2.  |
| COPENHAGEN                   | 300,000                               | "               | 1           | 170                             | 116     | 20·2                               | Diph. 8; scar. fever 2; whooping-cough 2.                |
| STOCKHOLM                    | 216,807                               | "               | 5           | 123                             | 104     | 24·4                               | Meas. 4; scarlet fever 3.                                |
| CHRISTIANIA                  | 134,000                               | "               | 12          | 69                              | 62      | 23·8                               | Diphtheria and croup 11; scarlet fever 2.                |
| ST. PETERSBURG               | 928,016                               | "               | 5           | -                               | 751     | 42·2                               | Typhus and typh. fev. 18; meas. 41; dip. 13; d. dis. 86. |
| BERLIN                       | 1,413,603                             | April           | 28          | 806                             | 512     | 18·8                               | Diph. 18; wh.-cough 12; measles 6; typhus 3.             |
| HAMBURG (State)              | 529,091                               | May             | 5           | 334                             | 290     | 28·6                               | Diphtheria and croup 12; meas. 6; typhus 3.              |
| DRESDEN                      | 259,142                               | April           | 28          | 144                             | 112     | 22·5                               | Diphtheria and croup 7; diarrhoeal diseases 19.          |
| BRESLAU                      | 308,105                               | May             | 5           | 183                             | 162     | 27·6                               | Diphtheria 3; scarlet fever 3.                           |
| MUNICH                       | 275,000                               | "               | 5           | 181                             | 148     | 28·0                               | Diphtheria and croup 6; sc. fv. 3; diarr. dis. 24.       |
| VIENNA                       | 800,836                               | "               | 5           | 475                             | 485     | 31·5                               | Measles 10; diph. 6; scarlet fever 3.                    |
| PRAGUE                       | 295,857                               | "               | 5           | -                               | 211     | 37·2                               | Small-pox 17; meas. 11; typhus & typh. fev. 9.           |
| BUDA-PESTH                   | 442,787                               | "               | 5           | 334                             | 273     | 32·1                               | Diphtheria and croup 7; measles 4.                       |
| TRIESTE                      | 156,042                               | "               | 5           | -                               | 95      | 31·0                               | Small-pox 2.   |
| ROME                         | 382,973                               | April           | 7           | 228                             | 166     | 22·6                               | Typd. fev. 2; whooping-cough 1.                          |
| TURIN (10 days)              | 294,826                               | "               | 20          | -                               | -       | -                                  | -  |
| VENICE                       | 150,502                               | May             | 5           | 61                              | 54      | 18·7                               | Sm.-pox 1; typh. fev. 1.                                 |
| CAIRO                        | 374,838                               | April           | 26          | 349                             | 337     | 46·9                               | Wh.-cgh. 10; typh. fev. 12; diarrhoeal diseases 127.     |
| ALEXANDRIA                   | 231,396                               | "               | 26          | 209                             | 143     | 32·2                               | Diarrhoeal diseases 27; typhoid fever 2.                 |
| NEW YORK                     | 1,493,000                             | "               | 28          | -                               | 782     | 27·3                               | Scar. fever 36; diph. 41; small-pox 8.                   |
| BROOKLYN                     | 774,570                               | "               | 28          | -                               | 353     | 23·8                               | Scar. fev. 13; diph. 19; whooping-cough 6.               |
| PHILADELPHIA                 | 1,016,753                             | "               | 28          | -                               | 409     | 21·0                               | Diphtheria 7; typhoid fever 13.                          |
| BALTIMORE                    | 437,155                               | "               | 28          | -                               | 168     | 20·1                               | Measles 3; whooping-cough 3.                             |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 19th May, 1888.  
[Under the *Superintendence of the Astronomer Royal.*]

| 1888.<br>MONTH AND DAY. |  | Phases of the Moon. | TEMPERATURE. |           |                   |   |   | TEMPERATURE.      |               |            |                    |      | Wind as deduced from Anemometers. |             |             |                        |  | Rain collected in a Gauge whose receiving surface is 5 inches above the level of the Ground. | Ozone. |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------|--|---------------------|--------------|-----------|-------------------|---|---|-------------------|---------------|------------|--------------------|------|-----------------------------------|-------------|-------------|------------------------|--|--|--------|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                         |  |                     | Of the Air.  |           |                   | Difference between the Air Temperature and Dew Point Temperature. | Of the Water of the Thames at Deptford. |                   | Of Radiation. |            | General Direction. |      | Pressure on the Square Foot.      |             | Robinson's. |                        |  |  |        |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                         |  |                     | High. est.   | Low. est. | Mean Daily Range. |   | De-Pre from Average value, 29 years.    | Mean daily value. | Great- est.   | High- est. | Low- est.          | A.M. | P.M.                              | Great- est. | Least.      | Mean of 24 hourly obs. | Horizontal Movement of the Air on the 10 Days. |  |        | Departure from Average on the 10 Days. |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| MAY.                    |  |                     | in.          | °         | °                 | °   | °                                       | °                 | °             | °          | °                  | °    | °                                 | °           | °           | °                      | °  | °  | °      | °                                      | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |

The height of the eastern of the barometer is 159 feet above the mean level of the sea, no correction has been applied to the readings to reduce to sea level.

Observations of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are eye-readings of the mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metric Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 29 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 30.20 in. at the beginning of the week to 29.57 in. at the end.

## GENERAL REMARKS.

A very fine day; generally cloudless throughout.

Partially cloudy and fine in morning; generally overcast till night, then cloudless.

Very fine; small amounts of cloud generally prevailed.

Cloudy. Rain fell throughout the afternoon, and again at night.

Overcast. Frequent showers of rain.

Overcast till 11h. A.M., and slight rain fell occasionally; very fine afterwards, with small amounts of light cloud.

Fine; cloudy. A little rain fell at 5h. P.M.

Overcast till 11h. A.M., and slight rain fell occasionally; very fine afterwards, with small amounts of light cloud.

| DATE. | Elect. (F. for each hour, or for short time, see Note.) | Registered Sun above horizon, in hours. | Horiz. in hours. |
|-------|---|---|------------------|
| MAY.  |   |   |                  |

|              |  |          |           |
|--------------|--|----------|-----------|
| SUNDAY 13    | v. P. generally.                                   | 13.3     | 15.4      |
| MONDAY 14    | v. P. in morning; w. P. afterwards.                | 4.7      | 15.5      |
| TUESDAY 15   | w. P. till afternoon; m. P. afterwards.            | 10.5     | 15.5      |
| WEDNESDAY 16 | w. P. in morning; v. P. and v. N. afterwards.      | 0.9      | 15.6      |
| THURSDAY 17  | w. P. throughout.                                  | 0.0      | 15.6      |
| FRIDAY 18    | w. P. throughout.                                  | 7.4      | 15.7      |
| SATURDAY 19  | w. P. generally; s. N. for short time 2h. 5h. P.M. | 2.6      | 15.7      |
| MEANS        |  | Sum 50.8 | Sum 108.9 |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,  
28th May, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·8 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |         |         |         | TOWNS.             | Weeks ending |         |         |         |
|--------------|--------------|---------|---------|---------|--------------------|--------------|---------|---------|---------|
|              | May 5.       | May 12. | May 19. | May 26. |                    | May 5.       | May 12. | May 19. | May 26. |
| Birkenhead   | 15·1         | 18·8    | 20·9    | 10·9    | Liverpool -        | 17·5         | 17·2    | 18·9    | 16·6    |
| Birmingham   | 18·6         | 15·7    | 18·9    | 17·1    | London -           | 17·4         | 16·6    | 17·9    | 16·6    |
| Blackburn -  | 24·6         | 22·8    | 25·4    | 19·7    | Manchester -       | 27·6         | 21·9    | 22·4    | 24·8    |
| Bolton -     | 23·9         | 26·7    | 17·0    | 21·6    | Newcastle-on-Tyne* | 22·0         | 21·7    | 20·3    | 18·1    |
| Bradford*    | 17·0         | 17·0    | 19·1    | 19·1    | Norwich -          | 21·2         | 19·5    | 24·5    | 22·8    |
| Brighton     | 17·8         | 14·3    | 19·6    | 22·2    | Nottingham*        | 16·0         | 19·2    | 14·2    | 13·3    |
| Bristol -    | 18·9         | 18·9    | 17·0    | 17·3    | Oldham -           | 19·6         | 19·3    | 23·0    | 22·7    |
| Cardiff*     | 16·3         | 12·5    | 21·6    | 19·2    | Plymouth -         | 24·8         | 21·5    | 20·8    | 22·2    |
| Derby -      | 18·4         | 14·1    | 19·5    | 15·7    | Portsmouth -       | 12·7         | 18·3    | 17·9    | 11·6    |
| Halifax      | 18·2         | 24·7    | 16·3    | 20·8    | Preston -          | 26·3         | 17·7    | 22·2    | 27·8    |
| Huddersfield | 18·3         | 16·6    | 20·5    | 17·1    | Salford*           | 28·1         | 19·6    | 23·5    | 22·8    |
| Hull -       | 17·0         | 19·1    | 21·7    | 17·0    | Sheffield -        | 19·1         | 14·8    | 19·8    | 17·2    |
| Leeds        | 18·7         | 19·6    | 18·6    | 21·2    | Sunderland -       | 15·8         | 17·0    | 17·4    | 18·6    |
| Leicester*   | 19·9         | 18·5    | 15·3    | 16·4    | Wolverhampton -    | 21·7         | 23·6    | 22·3    | 17·2    |

The highest annual death-rates from *measles*, measured by last week's mortality, were 0·7 in Nottingham and 1·1 in Derby; from *scarlet fever*, 0·9 in Blackburn and 1·3 in Halifax; from *whooping-cough*, 1·2 in Leeds and 1·6 in Salford; and from "*fever*," 0·5 in Derby and in Hull. The 29 deaths from *diphtheria* in the twenty-eight towns included 19 in London, 2 in Norwich, and 2 in Liverpool. *Small-pox* caused 3 deaths in Sheffield, 2 in Preston, one in Bristol, one in Oldham, and one in Hull, but not one in any of the twenty-two other large provincial towns, or in London.

## LONDON.

In LONDON† 2278 BIRTHS and 1361 DEATHS were registered. Allowing for increase of population, the births were 413, and the deaths 203, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·6 and 17·9 in the preceding two weeks, declined again last week to 16·6. During the first eight weeks of the current quarter the death-rate averaged 18·1 per 1,000, and was 2·8 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1361 deaths included 23 from measles, 17 from scarlet fever, 19 from diphtheria, 64 from whooping-cough, 10 from enteric fever, 3 from ill-defined forms of "fever," 9 from diarrhoea and dysentery, 2 from choleraic diarrhoea, and not one either from small-pox or typhus; thus, 147 deaths were referred to these diseases, being 97 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 25. There were only 4 small-pox patients under treatment in the Metropolitan Asylum Hospitals at the end of last week, against numbers declining from 21 to 6 on the four preceding Saturdays; and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 22 and 18 in the two preceding weeks, rose again last week to 23, but were 45 below the corrected average; 4 belonged to Kensington, and 5 to Hackney sanitary areas. The deaths from *scarlet fever*, which had been 23, 19, and 13 in the three previous weeks, were last week 17, and were 12 below the corrected average; 2 belonged to Marylebone, 2 to Poplar, and 2 to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum Hospitals contained 891 scarlet fever patients (there being also 67 in the London Fever Hospital), against 904 and 915 in the two preceding weeks; 66 cases were admitted to the Metropolitan Asylum Hospitals during the week, against 91 and 82 in the two previous weeks. The 19 deaths from *diphtheria* showed a decline of 10 from the high number in the previous week, but were 3 above the corrected average; 2 belonged to Kensington, 4 (including 2 of persons residing at 7, Glasgow Terrace) to St. George Hanover Square, and 5 to Hackney sanitary areas. The fatal cases of *whooping-cough*, which had been 87, 52, and 64 in the three preceding weeks, were again 64 last week, and were 11 below the corrected average; 14 belonged to the West, and 27 to the South groups of sanitary areas. The 9 deaths attributed to *diarrhoea* and *dysentery* showed a considerable decline from recent weekly numbers, and were 7 below the corrected average; 6 were of infants aged under one year. The deaths of two infants aged 2 and 7 months were referred to choleraic diarrhoea.

The deaths referred to *enteric fever*, which had been 9 and 12 in the two preceding weeks, declined again last week to 10, and were 3 below the corrected average. Two cases of undefined continued fever, and one of febricula, were registered during the week. The Metropolitan Asylum Hospitals contained 89 cases of enteric fever, but not one of typhus, on Saturday last; 4 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 260 and 296 in the two preceding weeks, declined last week to 228, and were 63 below the corrected average.

Different forms of violence caused 65 deaths; 54 were the result of negligence or accident, among which were 18 from fractures and contusions, 2 from burns and scalds, 9 from drowning, 2 from poison, and 19 of infants aged under one year from suffocation. The 18 deaths from fractures and contusions were thus caused:—3 by accidents from vehicles in the streets; 2 by kick of horse; 1 by accident on railway; 1 by fall in street; 2 by fall from window; 3 by fall down stairs; 1 by fall from swing; 1 by fall from bed; 1 by fall from stool; 1 by fall in passage; 1 by fall, the nature of which was not stated; and 1 by injury, the cause of which was not stated. An inquest was held in each of these 18 cases except the last. Nine cases of suicide were registered, being 1 below the corrected average.

#### GREATER LONDON.

In Greater London 2982 births and 1689 deaths were registered, corresponding to annual rates of 28·1 and 15·9 per 1000 of the population. In the Outer Ring 19 deaths from whooping-cough were registered. Scarlet fever caused 3 deaths in Stratford sub-district, and diphtheria 2 in Ilford sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·11 in.; the lowest reading was 29·64 in. at the beginning of the week, and the highest 30·26 in. on Monday evening. The mean temperature of the *air* was 54°·0, and 1°·5 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Sunday, Monday, and Wednesday, but was below the average on each of the other days of the week. The general direction of the *wind* was North-easterly, and the horizontal movement of the *air* averaged 12·3 miles per hour, which was 2·0 miles above the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright sunshine in the week was 62·3 hours, against 57·1 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>middle of<br>1888. | Registered during<br>the Week ending<br>May 26th, 1888. |      |     | Deaths of<br>Persons aged<br>1 Year of<br>Age. |    | Deaths from |          |                   |             |                     |          |           |                                      | Inquest Cases.                    |   |                         |                         | TEMPERATURE OF THE AIR. |            |                      |          | RAINFALL. |      |
|---------------------------|---|---|------|-----|--|----|-------------|----------|-------------------|-------------|---------------------|----------|-----------|--------------------------------------|-----------------------------------|---|-------------------------|-------------------------|-------------------------|------------|----------------------|----------|-----------|------|
|                           |   | 1.  | 2.   | 3.  | 4.   | 5. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Typhoid. | Violence. | Deaths in<br>Public<br>Institutions. | Unidentified<br>'Cause of Death.' | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths. |                         | Mean.                   |                         | In Inches. | In Centi-<br>metres. |          |           |      |
|                           |   |   |      |     |  |    |             |          |                   |             |                     |          |           |                                      |                                   | From All<br>Causes.   | From 15<br>to 60 Years. | Fahrenheit.             | Lowest.                 |            |                      | Highest. |           |      |
| Cols.                     |   |   |      |     |  |    |             |          |                   |             |                     |          |           |                                      |                                   |   | From All<br>Causes.     | From 15<br>to 60 Years. | Fahrenheit.             | Lowest.    | Highest.             |          |           |      |
| 28 TOWNS.                 | 9,398,273                                     | 4911  | 3201 | 764 | 750  | 8  | 36          | 36       | 29                | 113         | 25                  | 38       | 151       | 244                                  | 623                               | 60  | 17.8                    | 1.6                     | 76.6                    | 35.9       | 52.6                 | 11.44    | 0.00      | 0.00 |
| LONDON.                   | 4,282,921                                     | 2978  | 1361 | 322 | 317  | -  | 23          | 17       | 19                | 64          | 13                  | 9        | 65        | 108                                  | 345                               | 8   | 16.6                    | 1.8                     | 78.0                    | 40.6       | 54.0                 | 12.22    | 0.00      | 0.00 |
| BRIGHTON.                 | 119,983                                       | 55  | 51   | 7   | 19   | -  | -           | 1        | -                 | 1           | -                   | -        | 2         | 4                                    | 13                                | 1   | 22.3                    | 0.9                     | 70.0                    | 45.7       | 54.1                 | 12.28    | 0.00      | 0.00 |
| PORTSMOUTH.               | 189,575                                       | 85  | 31   | 12  | 6  | -  | -           | -        | -                 | -           | -                   | -        | -         | -                                    | -                                 | -   | 11.6                    | 0.0                     | -                       | -          | -                    | -        | -         | -    |
| NORWICH.                  | 93,675  | 55  | 41   | 15  | 11   | -  | -           | -        | 2                 | 1           | -                   | -        | 1         | 3                                    | 7                                 | 1   | 22.8                    | 1.7                     | -                       | -          | -                    | -        | -         | -    |
| PLYMOUTH.                 | 77,674  | 41  | 33   | 5   | 9  | -  | -           | -        | -                 | 1           | -                   | -        | 3         | 5                                    | 18                                | 1   | 22.2                    | 0.7                     | 78.8                    | 46.0       | 56.6                 | 13.67    | 0.01      | 0.03 |
| BRISTOL.                  | 226,510                                       | 89  | 75   | 18  | 23   | 1  | -           | -        | -                 | 1           | -                   | 2        | 3         | 5                                    | 18                                | 1   | 17.3                    | 0.9                     | 69.2                    | 37.2       | 51.9                 | 11.06    | 0.00      | 0.00 |
| WOLVERHAMPTON.            | 81,691  | 50  | 27   | 4   | 9  | -  | 1           | 1        | 1                 | -           | -                   | 1        | 1         | 2                                    | 5                                 | 1   | 17.2                    | 2.6                     | 75.8                    | 33.9       | 51.6                 | 10.89    | 0.00      | 0.00 |
| BIRMINGHAM.               | 447,912                                       | 229   | 147  | 45  | 31   | -  | 1           | -        | -                 | 3           | -                   | 2        | 8         | 16                                   | 25                                | 3   | 17.1                    | 0.7                     | -                       | -          | -                    | -        | -         | -    |
| LEICESTER.                | 146,720                                       | 84  | 46   | 14  | 10   | -  | -           | -        | 1                 | -           | -                   | -        | 3         | 7                                    | 2                                 | 2   | 16.4                    | 1.1                     | -                       | -          | -                    | -        | -         | -    |
| NOTTINGHAM.               | 230,921                                       | 100   | 59   | 18  | 12   | -  | 3           | -        | -                 | 2           | 1                   | 5        | 3         | 6                                    | 7                                 | 2   | 13.3                    | 2.5                     | 76.5                    | 39.8       | 52.5                 | 11.39    | 0.00      | 0.00 |
| DERBY.                    | 162,411                                       | 39  | 29   | 9   | 8  | -  | 2           | -        | -                 | -           | -                   | -        | -         | -                                    | 4                                 | -   | 13.7                    | 1.6                     | -                       | -          | -                    | -        | -         | -    |
| BIRKENHEAD.               | 100,093                                       | 61  | 21   | 4   | 8  | -  | -           | -        | -                 | -           | -                   | -        | -         | 1                                    | 3                                 | 1   | 10.9                    | 0.5                     | -                       | -          | -                    | -        | -         | -    |
| LIVERPOOL.                | 537,738                                       | 329   | 191  | 49  | 31   | -  | 4           | 2        | 1                 | 11          | 3                   | 1        | 11        | 40                                   | 12                                | 16.6  | 1.8                     | 71.0                    | 42.2                    | 53.4       | 11.89                | 0.00     | 0.00      |      |
| BOLTON.                   | 113,505                                       | 52  | 47   | 9   | 8  | -  | -           | 1        | -                 | 1           | -                   | 2        | -         | 1                                    | 8                                 | 1   | 21.6                    | 1.3                     | -                       | -          | -                    | -        | -         | -    |
| MANCHESTER.               | 378,164                                       | 159   | 180  | 37  | 44   | -  | -           | -        | 1                 | 6           | 1                   | 3        | 13        | 21                                   | 45                                | 6   | 24.8                    | 1.5                     | -                       | -          | -                    | -        | -         | -    |
| SALFORD.                  | 228,386                                       | 99  | 99   | 24  | 14   | -  | -           | 2        | -                 | 7           | -                   | 1        | 8         | 9                                    | 12                                | 4   | 22.8                    | 2.3                     | -                       | -          | -                    | -        | -         | -    |
| OLDHAM.                   | 138,220                                       | 78  | 60   | 20  | 13   | 1  | -           | 1        | -                 | -           | -                   | -        | 1         | 13                                   | 2                                 | 2   | 22.7                    | 0.8                     | -                       | -          | -                    | -        | -         | -    |
| BLACKBURN.                | 119,039                                       | 70  | 45   | 13  | 12   | -  | 2           | -        | -                 | -           | -                   | -        | 3         | 4                                    | 4                                 | 2   | 19.7                    | 2.2                     | -                       | -          | -                    | -        | -         | -    |
| PRESTON.                  | 163,294                                       | 46  | 55   | 9   | 13   | 2  | -           | -        | -                 | -           | -                   | 1        | 1         | 2                                    | 6                                 | -   | 27.8                    | 1.5                     | -                       | -          | -                    | -        | -         | -    |
| HUDDESFIELD.              | 91,419  | 31  | 30   | 7   | 10   | -  | -           | 1        | -                 | -           | -                   | -        | 2         | 2                                    | -                                 | -   | 17.1                    | 0.6                     | -                       | -          | -                    | -        | -         | -    |
| HALEFAX.                  | 80,138  | 48  | 32   | 5   | 10   | -  | -           | 2        | -                 | -           | -                   | -        | 1         | 1                                    | 5                                 | -   | 20.8                    | 1.3                     | -                       | -          | -                    | -        | -         | -    |
| BRADFORD.                 | 228,721                                       | 96  | 84   | 22  | 24   | -  | 2           | 1        | -                 | -           | 1                   | 3        | 2         | 2                                    | 8                                 | 2   | 19.1                    | 1.6                     | 76.6                    | 41.0       | 54.1                 | 12.28    | 0.00      | 0.00 |
| LEEDS.                    | 351,210                                       | 186   | 143  | 28  | 40   | -  | -           | 1        | -                 | 8           | 1                   | 2        | 6         | 12                                   | 16                                | 3   | 21.2                    | 1.8                     | -                       | -          | -                    | -        | -         | -    |
| SHEFFIELD.                | 321,711                                       | 180   | 106  | 21  | 25   | 3  | 2           | -        | -                 | 3           | 1                   | 2        | 4         | 5                                    | 15                                | 8   | 17.2                    | 1.8                     | -                       | -          | -                    | -        | -         | -    |
| HULL.                     | 202,359                                       | 115   | 66   | 15  | 12   | 1  | -           | 1        | -                 | 2           | -                   | -        | 3         | 4                                    | 3                                 | -   | 17.0                    | 1.0                     | 67.0                    | 38.0       | 49.6                 | 9.78     | 0.00      | 0.00 |
| SUNDERLAND.               | 131,919                                       | 53  | 47   | 13  | 11   | -  | -           | -        | 1                 | 1           | 1                   | -        | 1         | 2                                    | 4                                 | -   | 18.6                    | 1.2                     | -                       | -          | -                    | -        | -         | -    |
| NEWCASTLE.                | 119,403                                       | 97  | 55   | 13  | 12   | -  | -           | -        | 1                 | 2           | -                   | -        | 3         | 6                                    | 11                                | -   | 18.1                    | 1.0                     | 62.0                    | 40.0       | 48.3                 | 9.06     | 0.02      | 0.05 |
| CARDIFF.                  | 108,570                                       | 66  | 40   | 8   | 8  | -  | 1           | 1        | -                 | -           | -                   | 1        | 2         | 4                                    | 3                                 | 1   | 19.2                    | 1.4                     | -                       | -          | -                    | -        | -         | -    |
| EDINBURGH.                | 262,733                                       | 129   | 90   | 17  | 23   | -  | -           | -        | 2                 | -           | -                   | 2        | 2         | ?                                    | 20                                | 23  | 17.9                    | 0.8                     | 67.5                    | 38.0       | 51.3                 | 10.72    | 0.00      | 0.00 |
| GLASGOW.                  | 536,088                                       | 378   | 267  | 45  | 45   | -  | 13          | 9        | -                 | 4           | 3                   | 3        | 9         | ?                                    | 25                                | 27  | 25.5                    | 3.2                     | 71.9                    | 39.0       | 54.7                 | 12.61    | 0.00      | 0.00 |
| DUBLIN.                   | 368,962                                       | 169   | 165  | 19  | 40   | -  | 2           | 5        | -                 | 7           | 1                   | 2        | 1         | 5                                    | 59                                | 11  | 24.4                    | 2.5                     | 63.0                    | 37.1       | 52.1                 | 11.17    | 0.00      | 0.00 |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-FIRST Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2349 | 2369 | 2618 | 2411 | 2401 | 2692 | 2627 | 2209 | 2431 | 2571 | 2691·0   | 2278 |
| Males . .           | 1196 | 1242 | 1358 | 1215 | 1244 | 1383 | 1310 | 1144 | 1231 | 1315 | 1378·1   | 1151 |
| Females . .         | 1153 | 1127 | 1260 | 1196 | 1157 | 1309 | 1317 | 1065 | 1200 | 1256 | 1312·9   | 1127 |
| <b>TOTAL Deaths</b> | 1381 | 1497 | 1333 | 1452 | 1435 | 1518 | 1427 | 1588 | 1229 | 1534 | 1564·2   | 1361 |
| Males . .           | 754  | 799  | 692  | 756  | 723  | 806  | 769  | 805  | 631  | 793  | 820·9  | 708  |
| Females . .         | 627  | 698  | 641  | 696  | 712  | 712  | 658  | 783  | 598  | 741  | 743·3  | 653  |

The numbers in this column are the average weekly numbers in the twenty-first weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | Mar.<br>3. | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. | May<br>5. | May<br>12. | May<br>19. | May<br>26. |      |
|--|---|--------------|------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-----------|------------|------------|------------|------|
| <b>TOTAL Births</b>                      | - | -            | 2778       | 2583        | 2629        | 2522        | 2492        | 2588       | 2831        | 2579        | 2577        | 2650      | 2574       | 2364       | 2278       |      |
| <b>TOTAL Deaths</b>                      | - | -            | 1794       | 1886        | 1604        | 1655        | 1668        | 1593       | 1692        | 1551        | 1437        | 1429      | 1360       | 1469       | 1361       |      |
| 0-20                                     | - | -            | 795        | 811         | 698         | 715         | 747         | 716        | 800         | 681         | 628         | 643       | 615        | 637        | 601        |      |
| 20-40                                    | - | -            | 215        | 223         | 201         | 197         | 183         | 189        | 215         | 212         | 177         | 187       | 186        | 212        | 180        |      |
| 40-60                                    | - | -            | 313        | 300         | 275         | 285         | 340         | 270        | 278         | 265         | 277         | 243       | 233        | 272        | 256        |      |
| 60-80                                    | - | -            | 391        | 465         | 353         | 384         | 329         | 320        | 335         | 310         | 302         | 277       | 255        | 276        | 268        |      |
| at 80 years & upwds.                     | - | -            | 80         | 87          | 77          | 74          | 69          | 98         | 64          | 83          | 53          | 79        | 66         | 72         | 49         |      |
| Deaths of children                       | { | Under 1 year | -          | 371         | 424         | 332         | 361         | 366        | 346         | 395         | 367         | 329       | 324        | 319        | 296        | 322  |
|  |   | 1-5          | -          | 302         | 281         | 274         | 254         | 273        | 263         | 302         | 229         | 209       | 223        | 190        | 254        | 204  |
|  |   | 5-20         | -          | 122         | 106         | 92          | 100         | 107        | 103         | 85          | 90          | 94        | 106        | 87         | 82         | 82   |
| Deaths from Small-pox                    | - | -            | -          | 2           | -           | -           | -           | -          | -           | -           | 1           | -         | -          | -          | -          | -    |
| " " Measles                              | - | -            | 15         | 21          | 22          | 18          | 17          | 16         | 12          | 18          | 16          | 14        | 22         | 18         | 23         | 23   |
| " " Scarlet fever                        | - | -            | 27         | 29          | 25          | 24          | 40          | 20         | 17          | 21          | 15          | 23        | 19         | 13         | 17         | 17   |
| " " Diphtheria                           | - | -            | 24         | 24          | 22          | 17          | 15          | 16         | 19          | 10          | 22          | 15        | 15         | 29         | 19         | 19   |
| " " Whooping-cough                       | - | -            | 94         | 101         | 92          | 80          | 93          | 89         | 108         | 91          | 80          | 87        | 52         | 64         | 64         | 64   |
| " " Typhus                               | - | -            | -          | -           | 1           | 1           | 1           | -          | -           | -           | -           | 1         | -          | -          | -          | -    |
| " " Enteric fever                        | - | -            | 15         | 20          | 10          | 10          | 13          | 20         | 9           | 13          | 7           | 11        | 9          | 12         | 10         | 10   |
| " " Simple Cont'd fever                  | - | -            | -          | -           | 1           | -           | -           | 1          | -           | 1           | -           | -         | 1          | -          | 3          | 3    |
| " " Diarrhoea and Dysentery              | - | -            | 10         | 17          | 10          | 6           | 16          | 17         | 19          | 23          | 17          | 19        | 14         | 15         | 9          | 9    |
| " " Cholera                              | - | -            | -          | -           | -           | -           | -           | 1          | -           | -           | -           | -         | 1          | -          | -          | 2    |
| Deaths from the above-mentioned Diseases | - | -            | 185        | 214         | 183         | 156         | 195         | 180        | 184         | 177         | 158         | 170       | 133        | 151        | 147        | 147  |
| " " Dis. of Respiratory System           | - | -            | 488        | 490         | 459         | 457         | 460         | 419        | 444         | 363         | 343         | 287       | 260        | 296        | 228        | 228  |
| " " Phthisis                             | - | -            | 165        | 159         | 140         | 144         | 155         | 152        | 150         | 137         | 146         | 135       | 134        | 176        | 151        | 151  |
| " " Dis. of Circulatory System           | - | -            | 137        | 161         | 137         | 133         | 130         | 128        | 134         | 129         | 87          | 122       | 119        | 105        | 119        | 119  |
| Violent Deaths                           | - | -            | 65         | 51          | 58          | 64          | 75          | 56         | 52          | 48          | 56          | 39        | 51         | 63         | 65         | 65   |
| Inquest Cases                            | - | -            | 149        | 123         | 116         | 120         | 129         | 129        | 121         | 109         | 110         | 101       | 106        | 113        | 108        | 108  |
| Deaths in Public Institutions            | - | -            | 379        | 424         | 355         | 365         | 376         | 347        | 347         | 352         | 352         | 332       | 305        | 370        | 345        | 345  |
| TEMPERATURE OF THE AIR                   | - | -            | -          | -           | -           | -           | -           | -          | -           | -           | -           | -         | -          | -          | -          | -    |
| Mean                                     | - | -            | 31·5       | 42·6        | 37·2        | 34·7        | 40·0        | 37·1       | 42·2        | 48·5        | 43·7        | 49·0      | 52·3       | 55·9       | 54·0       | 54·0 |
| Mean of Highest readings                 | - | -            | 35·9       | 48·8        | 43·2        | 40·6        | 47·5        | 47·0       | 50·3        | 59·0        | 51·4        | 58·9      | 64·1       | 68·0       | 66·0       | 66·0 |
| Mean of Lowest readings                  | - | -            | 27·5       | 36·9        | 32·7        | 30·4        | 34·5        | 29·3       | 35·3        | 41·2        | 37·8        | 40·2      | 41·2       | 45·6       | 43·2       | 43·2 |
| Humidity of the Air                      | - | -            | 76         | 79          | 81          | 80          | 87          | 78         | 78          | 82          | 86          | 68        | 69         | 69         | 68         | 68   |
| Rain-fall in inches                      | - | -            | 0·02       | 0·30        | 0·95        | 0·66        | 0·87        | 0·08       | 0·11        | 0·65        | 0·67        | 0·16      | 0·00       | 0·32       | 0·00       | 0·00 |
| Registered Sunshine (in hours)           | - | -            | 10·4       | 6·5         | 10·8        | 11·3        | 11·2        | 29·0       | 21·5        | 35·7        | 3·0         | 43·2      | 51·0       | 39·4       | 62·3       | 62·3 |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; L. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Barnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandrosborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hall; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the  
TWENTY-FIRST Week of the Year 1888.

| CAUSES OF DEATH.  | Corrected Averages for the 21st Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 26th May 1888. |                               |      |       |                  |                  |                  |                       |   |                       |   |   |   |   |   |   |   |   |
|---|---|---|-------------------------------|------|-------|------------------|------------------|------------------|-----------------------|---|-----------------------|---|---|---|---|---|---|---|---|
|   |   | ALL AGES.                                   | Deaths of Persons of the Ages |      |       |                  |                  |                  |                       |   | 30 Years and upwards. |   |   |   |   |   |   |   |   |
|   |   |   | 0-1.                          | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |                       |   |   |   |   |   |   |   |   |
| ALL CAUSES -  | 1564.2  | 1361  | 322                           | 204  | 82    | 180              | 256              | 268              | 40                    |   |                       |   |   |   |   |   |   |   |   |
| Small-pox { Vaccinated† -<br>Unvaccinated -<br>No Statement - | 24.9  | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Measles -   | 67.5  | 23  | 9                             | 14   | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Scarlet Fever -   | 29.4  | 17  | 1                             | 9    | 5     | 12               | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Typhus -  | 0.4   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Relapsing Fever † -   | 0.0   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Influenza -   | 0.1   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Whooping-cough -  | 75.0  | 64  | 27                            | 32   | 5     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Diphtheria -  | 15.6  | 19  | 1                             | 9    | 8     | 1                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Simple Continued and Ill-defined Fever -                      | 2.3   | 3   | -                             | 1    | 1     | 1                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Enteric Fever -   | 12.5  | 10  | -                             | 2    | 2     | 4                | 2                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Cholera -   | 0.5   | 2   | 2                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Diarrhoea, Dysentery -  | 16.0  | 9   | 6                             | 1    | -     | -                | -                | 1                | 1                     | - | -                     | - | - | - | - | - | - | - | - |
| Remittent Fever† -  | 0.5   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Hydrophobia -   | 0.2   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Glanders -  | 0.0   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Cowpox and Effects of Vaccination † -                         | 0.5   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Veneral Affections -  | 10.0  | 13  | 6                             | 2    | -     | 2                | 2                | 1                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Erysipelas -  | 4.4   | 4   | 1                             | -    | -     | 1                | 2                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Puerperal Fever -   | 6.1   | 4   | -                             | -    | -     | 4                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Other Zymotic Diseases †                                      | 1.6   | 1   | -                             | -    | 1     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Thrush -  | 2.3   | 2   | 2                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Worms and other Parasitical Diseases -                        | 0.5   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Starvation, Want of Breast-milk † -                           | 0.9   | 1   | 1                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Alcoholism -  | 4.6   | 7   | -                             | -    | 2     | 4                | 1                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Rheumatic Fever, Rheumatism of Heart†                         | 6.9   | 2   | -                             | -    | 1     | 1                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Rheumatism †  | 2.1   | 1   | -                             | -    | -     | -                | 1                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Gout -  | 2.6   | 5   | -                             | -    | -     | 2                | -                | -                | 1                     | - | -                     | - | - | - | - | - | - | - | - |
| Rickets †   | 5.1   | 2   | 1                             | 1    | -     | -                | 2                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Cancer -  | 55.2  | 72  | -                             | -    | 2     | 6                | 36               | 25               | 3                     | - | -                     | - | - | - | - | - | - | - | - |
| Tabs Mesenterica -  | 24.5  | 12  | 4                             | 8    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Tubercular Meningitis -                                       | 33.5  | 31  | 10                            | 10   | 9     | 1                | 1                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Phthisis -  | 168.8   | 151   | 2                             | 5    | 9     | 74               | 48               | 12               | 1                     | - | -                     | - | - | - | - | - | - | - | - |
| Scrofula, Tuberculosis -                                      | 19.0  | 18  | 5                             | 3    | 5     | 5                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Other Constitutional Diseases †                               | 7.4   | 8   | 1                             | 1    | 1     | 2                | -                | 3                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Premature Birth -   | 35.0  | 33  | 33                            | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Atelectasis † -   | 2.8   | 5   | 5                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Congenital Malformations -                                    | 6.1   | 7   | 7                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Old Age -   | 50.4  | 44  | -                             | -    | -     | -                | -                | 27               | 17                    | - | -                     | - | - | - | - | - | - | - | - |
| Apoplexy -  | 43.8  | 44  | -                             | 1    | -     | 4                | 12               | 22               | 5                     | - | -                     | - | - | - | - | - | - | - | - |
| Epilepsy -  | 7.0   | 8   | -                             | -    | 1     | 3                | 2                | 2                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Convulsions -   | 49.8  | 54  | 44                            | 10   | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Other Diseases of Brain and Nervous System                    | 97.3  | 104   | 15                            | 20   | 5     | 10               | 19               | 27               | 8                     | - | -                     | - | - | - | - | - | - | - | - |

| CAUSES OF DEATH.                                      | Corrected Averages for the 21st Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 26th May 1888. |                               |      |       |                  |                  |                  |                       |   |                       |   |   |   |   |   |   |   |   |
|---|---|---|-------------------------------|------|-------|------------------|------------------|------------------|-----------------------|---|-----------------------|---|---|---|---|---|---|---|---|
|   |   | ALL AGES.                                   | Deaths of Persons of the Ages |      |       |                  |                  |                  |                       |   | 30 Years and upwards. |   |   |   |   |   |   |   |   |
|   |   |   | 0-1.                          | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |                       |   |   |   |   |   |   |   |   |
| Diseases of Organs of Special Sense † -               | 2.1   | 3   | 2                             | -    | -     | 1                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Diseases of Circulatory System -                      | 96.5  | 119   | -                             | -    | 5     | 15               | 40               | 54               | 5                     | - | -                     | - | - | - | - | - | - | - | - |
| Croup -   | 13.5  | 8   | -                             | 6    | 2     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Bronchitis -  | 153.3   | 119   | 37                            | 23   | 2     | 1                | 17               | 34               | 5                     | - | -                     | - | - | - | - | - | - | - | - |
| Pneumonia -   | 83.1  | 79  | 16                            | 20   | 4     | 12               | 2                | 1                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Pleurisy -  | 5.2   | 3   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Other Diseases of Respiratory System -                | 29.1  | 19  | 1                             | 6    | -     | -                | 5                | 7                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Dentition † -   | 18.1  | 14  | 6                             | 8    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Quinsy, Sore Throat † -                               | 2.6   | 3   | -                             | 1    | 1     | -                | 1                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Enteritis -   | 8.6   | 4   | 2                             | -    | -     | -                | 1                | 1                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Peritonitis -   | 7.7   | 2   | -                             | -    | -     | -                | 1                | 1                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Diseases of Liver -                                   | 31.8  | 24  | 2                             | 1    | -     | 6                | 9                | 6                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Other Diseases of Digestive System -                  | 31.2  | 23  | 10                            | 1    | -     | 1                | 3                | 8                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Diseases of Lymphatic System & of Ductless Glands † - | 1.6   | 1   | -                             | -    | 1     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Diseases of Urinary System -                          | 34.1  | 28  | -                             | 2    | 3     | 4                | 9                | 9                | 1                     | - | -                     | - | - | - | - | - | - | - | - |
| Diseases of Generative System -                       | 6.3   | 3   | -                             | -    | -     | 2                | -                | 1                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Accidents of Childbirth -                             | 4.3   | 1   | -                             | -    | -     | 1                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Diseases of Locomotive System † -                     | 8.6   | 4   | -                             | -    | 3     | -                | 1                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Diseases of Integumentary System -                    | 6.2   | 5   | 1                             | -    | -     | -                | 2                | 2                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| VIOLENT DEATHS.‡                                      |   |   |                               |      |       |                  |                  |                  |                       |   |                       |   |   |   |   |   |   |   |   |
| ACCIDENT.)  |   |   |                               |      |       |                  |                  |                  |                       |   |                       |   |   |   |   |   |   |   |   |
| Fracture and Contusion                                | 22.5  | 18  | -                             | 4    | 1     | 4                | 6                | 2                | 1                     | - | -                     | - | - | - | - | - | - | - | - |
| Gunshot Wound -                                       | 0.0   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Cut, Stab -   | 0.5   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Burn and Scald -                                      | 3.6   | 2   | -                             | 2    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Poison -  | 1.0   | 2   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Drowning -  | 7.6   | 9   | -                             | -    | 5     | 1                | 3                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Suffocation -   | 11.1  | 22  | 19                            | -    | -     | 1                | 1                | 1                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Otherwise -   | 2.2   | 1   | -                             | -    | 1     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| (HOMICIDE.)   |   |   |                               |      |       |                  |                  |                  |                       |   |                       |   |   |   |   |   |   |   |   |
| Murder & Manslaughter                                 | 1.9   | 2   | 1                             | -    | -     | 1                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| (SUICIDE.)  |   |   |                               |      |       |                  |                  |                  |                       |   |                       |   |   |   |   |   |   |   |   |
| Gunshot Wound -                                       | 0.5   | 1   | -                             | -    | -     | -                | -                | 1                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Cut, Stab -   | 1.7   | 1   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Poison -  | 1.4   | 3   | -                             | -    | -     | -                | 1                | 2                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Drowning -  | 2.2   | 1   | -                             | -    | -     | 1                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Hanging -   | 3.2   | 1   | -                             | -    | -     | -                | 1                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| Otherwise -   | 1.4   | 2   | -                             | -    | -     | 1                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| (EXECUTION.)  |   |   |                               |      |       |                  |                  |                  |                       |   |                       |   |   |   |   |   |   |   |   |
| Hanging -   | 0.0   | -   | -                             | -    | -     | -                | -                | -                | -                     | - | -                     | - | - | - | - | - | - | - | - |
| OTHER CAUSES † -                                      | 50.0  | 50  | 42                            | -    | -     | 1                | 3                | 4                | -                     | - | -                     | - | - | - | - | - | - | - | - |

Note.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly results for the ten years 1878-87, raised by 9.045 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the years 1882-7 has been used.

‡ The number of small-pox only are returned as "vaccinated" or as "unvaccinated," which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| The DEATHS registered in the Week include                                   |  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                |                                   |                                |
|---|--|--|-------------------------------------|-------------------------------------|---------------------------------|---------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|------------|-----------|-----|-----|----------------|-----------------------------------|--------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                       | Deaths from |          |                |             |                 |         |                                   |                              |            |           |     |     | Inquest Cases. | Deaths in Public<br>Institutions. | Unclassified Causes<br>Deaths. |
|   |  |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 10<br>Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |     |                |                                   |                                |
| LONDON . . . . .  |  | 3,815,704                                    | 2278                                | 1361                                | 322                             | 317                                   | -           | 23       | 17             | 19          | 64              | -       | 10                                | 3                            | 9          | 65        | 108 | 345 |                |                                   |                                |
| WEST DISTRICTS . . . . .  |  | 669,888                                      | 359                                 | 268                                 | 55                              | 63                                    | -           | 6        | 2              | 6           | 14              | -       | 2                                 | -                            | 1          | 9         | 17  | 84  |                |                                   |                                |
| NORTH DISTRICTS . . . . .   |  | 905,947                                      | 541                                 | 294                                 | 74                              | 63                                    | -           | 7        | 5              | 7           | 9               | -       | 4                                 | -                            | -          | 17        | 29  | 56  |                |                                   |                                |
| CENTRAL DISTRICTS . . . . .   |  | 282,298                                      | 118                                 | 93                                  | 23                              | 17                                    | -           | 1        | -              | -           | 6               | -       | 1                                 | -                            | -          | 3         | 11  | 40  |                |                                   |                                |
| EAST DISTRICTS . . . . .  |  | 692,788                                      | 419                                 | 260                                 | 66                              | 63                                    | -           | 4        | 2              | 2           | 8               | -       | -                                 | 1                            | 3          | 13        | 27  | 70  |                |                                   |                                |
| SOUTH DISTRICTS . . . . .   |  | 1,265,148                                    | 841                                 | 451                                 | 104                             | 106                                   | -           | 5        | 8              | 4           | 27              | -       | 3                                 | 2                            | 5          | 13        | 24  | 95  |                |                                   |                                |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| WEST DISTRICTS.   |  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                |                                   |                                |
| St. Mary Paddington WHH G.J. & W.M.   |  | 99898  | 89                                  | 24                                  | 6                               | 5                                     | -           | -        | -              | 1           | 2               | -       | -                                 | -                            | -          | 1         | 2   | 2   |                |                                   |                                |
| St. John Paddington H - - - G.J.  |  | 37330  | 10                                  | 7                                   | -                               | 3                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 2   | 4   |                |                                   |                                |
| Kensington Town W - - - W.M.  |  | 120141                                       | 61                                  | 55                                  | 6                               | 15                                    | -           | 4        | -              | 1           | 4               | -       | -                                 | -                            | -          | -         | -   | 19  |                |                                   |                                |
| Brompton HII - - - W.M. & C.  |  | 48010  | 12                                  | 7                                   | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| St. Peter Hammersmith - - - W.M.  |  | 7899   | 8                                   | 1                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 58                                  | 20                                  | 9                               | 3                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | 3          | 3         | 4   | -   |                |                                   |                                |
| Fulham W - - - W.M. & C.  |  | 42900  | 44                                  | 23                                  | 4                               | 6                                     | -           | -        | 2              | -           | -               | -       | -                                 | -                            | 2          | 5         | 9   | -   |                |                                   |                                |
| Chelsea South HHH - - - C.  |  | 30396  | 22                                  | 13                                  | 2                               | 5                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| Chelsea North-west WHHHHH - C.  |  | 24925  | 21                                  | 16                                  | 1                               | 3                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | 14  |                |                                   |                                |
| Chelsea North-east - - - C.   |  | 32897  | 21                                  | 16                                  | 7                               | 2                                     | -           | 2        | -              | -           | 3               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| May Fair W - - - G.J.   |  | 30353  | 8                                   | 20                                  | 3                               | 11                                    | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 13  |                |                                   |                                |
| Belgrave WHHH - - - C.  |  | 59220  | 25                                  | 84                                  | 8                               | 8                                     | -           | -        | -              | 4           | 1               | -       | 1                                 | -                            | -          | 1         | 2   | 14  |                |                                   |                                |
| St. John Westminster HHH - - C.   |  | 35496  | 9                                   | 5                                   | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | 1                                 | -                            | -          | -         | -   | 1   |                |                                   |                                |
| St. Margaret Westminster H - - C.   |  | 24678  | 11                                  | 11                                  | 3                               | 1                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | 4   |                |                                   |                                |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941  | 7                                   | 6                                   | 2                               | 3                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| St. Anne Soho HHHHHH - - N.R.   |  | 18603  | 3                                   | 1                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1   |                |                                   |                                |
| NORTH DISTRICTS.  |  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                |                                   |                                |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 5                                   | 11                                  | 1                               | 4                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 2   | 5   |                |                                   |                                |
| Clarendon Square HHHH - - W.M.  |  | 14391  | 5                                   | 2                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 11                                  | 2                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                |                                   |                                |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 27                                  | 11                                  | 2                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                |                                   |                                |
| Christchurch Marylebone H - - W.M.  |  | 33700  | 29                                  | 12                                  | 3                               | 2                                     | -           | 1        | -              | 1           | -               | -       | -                                 | -                            | -          | 1         | 4   | -   |                |                                   |                                |
| St. John Marylebone H - - W.M.  |  | 33638  | 15                                  | 8                                   | 5                               | 3                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | 1         | 2   | -   |                |                                   |                                |
| Hampstead WWHHHH N.R. & W.M.  |  | 45452  | 39                                  | 12                                  | 4                               | 3                                     | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 3   |                |                                   |                                |
| Regent's Park Pancras H - - W.M.  |  | 39115  | 19                                  | 11                                  | 3                               | 3                                     | -           | -        | -              | 1           | 1               | -       | -                                 | -                            | -          | 1         | 3   | 4   |                |                                   |                                |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 16                                  | 9                                   | 2                               | 3                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 3         | -   | 2   |                |                                   |                                |
| Gray's Inn Lane HHH - - - N.R.  |  | 30247  | 17                                  | 12                                  | 6                               | 3                                     | -           | -        | -              | -           | -               | -       | 1                                 | -                            | -          | 3         | 4   | -   |                |                                   |                                |
| Somers Town H - - - N.R.  |  | 34369  | 25                                  | 13                                  | 3                               | 2                                     | -           | -        | -              | -           | 1               | -       | 1                                 | -                            | -          | 1         | 2   | 8   |                |                                   |                                |
| Camden Town WH - - - N.R.   |  | 17811  | 11                                  | 13                                  | 2                               | 5                                     | -           | -        | -              | 1           | -               | -       | 1                                 | -                            | -          | 1         | 1   | 3   |                |                                   |                                |
| Kentish Town W - - - N.R.   |  | 87487  | 40                                  | 21                                  | 5                               | 3                                     | -           | 1        | -              | -           | -               | -       | 1                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| Upper Holloway WWH - - - N.R.   |  | 67948  | 50                                  | 27                                  | 4                               | 8                                     | -           | -        | -              | -           | -               | -       | 1                                 | -                            | -          | -         | -   | 12  |                |                                   |                                |
| Islington South-west HH - - N.R.  |  | 100076                                       | 62                                  | 30                                  | 6                               | 3                                     | -           | -        | 1              | 1           | -               | -       | -                                 | -                            | -          | 1         | 3   | 3   |                |                                   |                                |
| Islington South-east - - - N.R.   |  | 61825  | 30                                  | 16                                  | 9                               | 4                                     | -           | 1        | -              | -           | 2               | -       | -                                 | -                            | -          | 1         | 3   | -   |                |                                   |                                |
| Highbury H - - - N.R.   |  | 52048  | 23                                  | 14                                  | 4                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | 1   |                |                                   |                                |
| Stoke Newington H - - - N.R.  |  | 22781  | 9                                   | 8                                   | 2                               | 2                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | 1   |                |                                   |                                |
| Stamford Hill - - - E.L.  |  | 9277   | 9                                   | 4                                   | -                               | 1                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| West Hackney - - - N.R.   |  | 37610  | 18                                  | 6                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                |                                   |                                |
| Hackney WWHH - - - E.L. & N.R.  |  | 76911  | 59                                  | 35                                  | 5                               | 7                                     | -           | 1        | 2              | 4           | 1               | -       | 1                                 | -                            | -          | 1         | 1   | 12  |                |                                   |                                |
| South Hackney - - - E.L.  |  | 39983  | 31                                  | 17                                  | 5                               | 2                                     | -           | 4        | -              | -           | -               | -       | 1                                 | -                            | -          | 1         | 1   | -   |                |                                   |                                |
| CENTRAL DISTRICTS.  |  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                |                                   |                                |
| St. George Bloomsbury - - - N.R.  |  | 16681  | 6                                   | 2                                   | 1                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                |                                   |                                |
| St. Giles South WH - - - N.R.   |  | 14884  | 13                                  | 10                                  | 2                               | 5                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 5   |                |                                   |                                |
| St. Giles North - - - N.R.  |  | 13897  | 1                                   | 1                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                |                                   |                                |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 8                                   | 9                                   | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | 6   |                |                                   |                                |
| St. Mary-le-Strand H - - - N.R.   |  | 7515   | 5                                   | 4                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | 1   |                |                                   |                                |
| St. Clement Danes H - - - N.R.  |  | 8559   | -                                   | 7                                   | -                               | 4                                     | -           | -        | -              | -           | -               | -       | 1                                 | -                            | -          | 1         | 1   | 3   |                |                                   |                                |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                   | 4                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 4   |                |                                   |                                |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18671  | 5                                   | 4                                   | 3                               | -                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | 1         | 1   | 1   |                |                                   |                                |
| St. Andrew Eastern W - - - N.R.   |  | 10706  | 1                                   | 5                                   | -                               | 1                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -   | 3   |                |                                   |                                |
| Safron Hill H - - - N.R.  |  | 6583   | 2                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| St. James Clerkenwell - - - N.R.  |  | 17516  | 10                                  | 6                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                |                                   |                                |
| Amwell Clerkenwell - - - N.R.   |  | 19281  | 9                                   | 4                                   | 1                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| Pentonville - - - N.R.  |  | 14773  | 8                                   | 1                                   | 1                               | -                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| Goswell-street - - - N.R.   |  | 17596  | 7                                   | 2                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                |                                   |                                |
| Old-street H - - - N.R.   |  | 11841  | 13                                  | 4                                   | 3                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| City-road HHL - - - N.R.  |  | 18628  | 20                                  | 5                                   | 3                               | -                                     | -           | 1        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | 1   |                |                                   |                                |
| Whitecross-street - - - N.R.  |  | 9217   | 5                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| Finsbury - - - N.R.   |  | 7463   | -                                   | 2                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| Holborn Union Workhouse, Mitcham, w.  |  | -  | -                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| St. Botolph H - - - N.R. & E.L.   |  | 11174  | -                                   | 1                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| Cripplegate - - - N.R.  |  | 7193   | -                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| St. Sepulchre H - - - N.R.  |  | 6568   | 3                                   | 16                                  | 2                               | 2                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | 1   | 15  |                |                                   |                                |
| St. Bride W - - - N.R.  |  | 8396   | -                                   | 3                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   |                |                                   |                                |
| Allhallows Barking - - - N.R.   |  | 13666  | 2                                   | 2                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   |                |                                   |                                |
| Broad Street H - - - N.R.   |  | 5652   | -                                   | 1                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1   |                |                                   |                                |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies Grand Junction Company; *W.M.* West Middlesex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N. E.* New River; *E.L.* East London; and *K.* the Kent Company.





TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 26th May, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                   |             |          |                |                 |                 |        |            |           |                |                                   |                           |
|---|----------------------------------|---|---|---------|---------|---|-----------------------------------|-------------|----------|----------------|-----------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|---------------------------|
|   |                                  |   |   |         |         | Deaths of                                 |                                   | Deaths from |          |                |                 |                 |        |            |           |                |                                   |                           |
|   |                                  |   |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwds. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria, &c. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Un-<br>classified Causes. |
| LONDON—OUTER RING   |                                  | 370.924   | 950,957   | 704     | 328     | 67  | 77                                | -           | 1        | 3              | 5               | 19              | 1      | 7          | 17        | 28             | 43                                |                           |
| 30: 1   | Carshalton <i>wL</i> -           | 12228   | 21118   | 15      | 8       | 2   | 4                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | 6                                 |                           |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971  | 10710   | 6       | 4       | 1   | 1                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | 1                                 |                           |
| 37: 1   | Godstone (part of)* -            | 3754  | 1235  | -       | -       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 38: 1   | Croydon <i>WwHHL</i> -           | 20851   | 101241  | 54      | 28      | 7   | 9                                 | -           | -        | -              | -               | 2               | -      | -          | -         | 4              | 3                                 |                           |
| 2   | Mitcham <i>w†</i> -              | 11697   | 17932   | 8       | 6       | 3   | 1                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 39: 1   | Wimbledon <i>HHH</i> -           | 3220  | 15950   | 12      | 5       | 2   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 2   | Kingston <i>WHH</i> -            | 8549  | 36354   | 20      | 13      | 3   | 5                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | 5                                 |                           |
| 3   | Esher (part of)* -               | 6801  | 9221  | 3       | 4       | 2   | 1                                 | -           | -        | -              | -               | 1               | -      | -          | -         | -              | -                                 |                           |
| 4   | Hampton <i>H</i> -               | 4573  | 13539   | 5       | 2       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | 1                                 |                           |
| 40: 1   | Richmond <i>WH</i> -             | 2272  | 21302   | 16      | 13      | 1   | 3                                 | -           | -        | -              | -               | 2               | 1      | -          | 1         | 4              | 2                                 |                           |
| 2   | Mortlake -                       | 2941  | 12331   | 7       | 5       | 1   | -                                 | -           | -        | -              | -               | -               | -      | -          | 1         | 2              | -                                 |                           |
| 41: 1   | Bromley (pt. of)* <i>HH</i>      | 15669   | 81142   | 16      | 11      | -   | 3                                 | -           | -        | -              | -               | -               | -      | -          | 3         | 3              | 2                                 |                           |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307   | 16844   | 10      | 7       | 1   | 2                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | 1                                 |                           |
| 42: 1   | Bexley <i>H</i> -                | 13437   | 24134   | 12      | 6       | 2   | 1                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 124: 1  | Sunbury <i>w</i> -               | 11055   | 11685   | 11      | 1       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 2   | Staines <i>W</i> -               | 13277   | 12089   | 6       | 3       | -   | 1                                 | -           | -        | -              | -               | -               | -      | 1          | -         | -              | -                                 |                           |
| 125: 1  | Hillingdon <i>WHH</i> -          | 6029  | 10802   | 4       | 6       | -   | 4                                 | -           | -        | -              | -               | -               | -      | -          | 1         | 1              | -                                 |                           |
| 2   | Uxbridge -                       | 6173  | 3225  | -       | 2       | -   | 1                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 3   | Hayes <i>wHL</i> -               | 14587   | 11523   | 6       | 5       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | 2                                 |                           |
| 126: 1  | Isleworth <i>WHH</i> -           | 7003  | 22727   | 10      | 11      | 3   | 4                                 | -           | -        | -              | -               | -               | -      | -          | 1         | 1              | 2                                 |                           |
| 2   | Twickenham <i>H</i> -            | 2477  | 12479   | 8       | 3       | 3   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 3   | Brentford <i>HL</i> -            | 4345  | 27649   | 28      | 8       | 1   | 1                                 | -           | -        | -              | -               | 1               | -      | -          | 1         | 1              | -                                 |                           |
| 4   | Chiswick -                       | 1340  | 15975   | 6       | 3       | 1   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 5   | Aston <i>wH</i> -                | 6083  | 22876   | 17      | 3       | 2   | -                                 | -           | -        | -              | -               | 1               | -      | -          | -         | 1              | -                                 |                           |
| 127: 1  | Harrow <i>H</i> -                | 13809   | 12796   | 9       | 4       | 1   | 1                                 | -           | -        | -              | -               | 1               | -      | -          | 1         | 1              | -                                 |                           |
| 2   | Edgware <i>H</i> -               | 6994  | 3749  | 2       | 1       | -   | 1                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 3   | Willesden -                      | 4383  | 27453   | 34      | 16      | 4   | 2                                 | -           | -        | -              | -               | 1               | -      | -          | 2         | 2              | -                                 |                           |
| 4   | Hendon <i>W</i> -                | 8382  | 10434   | 3       | 5       | -   | 4                                 | -           | -        | -              | -               | -               | -      | -          | 1         | 1              | 2                                 |                           |
| 128: 1  | South Mimms -                    | 15599   | 6391  | 3       | 2       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 2   | Barnet -                         | 5483  | 10092   | 10      | 3       | 1   | 1                                 | -           | -        | -              | -               | -               | -      | -          | 1         | 1              | -                                 |                           |
| 3   | Finchley <i>HL</i> -             | 4638  | 17615   | 15      | 10      | 1   | -                                 | -           | -        | -              | 1               | 2               | -      | -          | -         | -              | 6                                 |                           |
| 129: 1  | Hornsey <i>H</i> -               | 3039  | 37078   | 27      | 14      | 3   | 3                                 | -           | -        | -              | -               | 2               | -      | 1          | -         | -              | -                                 |                           |
| 2   | Tottenham <i>H</i> -             | 4642  | 46456   | 53      | 18      | 1   | 7                                 | -           | 1        | -              | -               | 2               | -      | -          | 1         | 1              | 2                                 |                           |
| 3   | Edmonton <i>Ww†</i> -            | 7483  | 23463   | 15      | 9       | -   | 3                                 | -           | -        | -              | -               | -               | -      | 1          | -         | 1              | 2                                 |                           |
| 4   | Enfield <i>WH</i> -              | 12653   | 19104   | 25      | 4       | -   | -                                 | -           | -        | -              | 1               | -               | -      | -          | -         | -              | -                                 |                           |
| 5   | Waltham Abbey -                  | 11017   | 5363  | 1       | -       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 6   | Cheshunt -                       | 8490  | 7735  | 3       | 1       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 135: 1  | Hatfield (part of)* -            | 3506  | 583   | -       | -       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 137: 1  | Bushey -                         | 9331  | 6621  | 3       | -       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 186: 1  | Stratford -                      | 832   | 28603   | 36      | 14      | 3   | -                                 | -           | -        | 3              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 2   | West Ham <i>wvwH†</i> -          | 7351  | 101053  | 93      | 30      | 9   | 5                                 | -           | -        | -              | 1               | -               | -      | 2          | -         | 1              | 1                                 |                           |
| 3   | Leyton <i>WwL</i> -              | 4372  | 32430   | 29      | 18      | 0   | 3                                 | -           | -        | -              | -               | 2               | -      | 1          | 2         | 2              | 4                                 |                           |
| 4   | Walthamstow <i>H</i> -           | 6520  | 28869   | 38      | 18      | -   | 5                                 | -           | -        | -              | -               | 1               | -      | -          | -         | -              | 1                                 |                           |
| 187: 1  | Chigwell (part of)* <i>H</i>     | 11761   | 9639  | 6       | 3       | 2   | -                                 | -           | -        | -              | -               | 1               | -      | 1          | -         | -              | -                                 |                           |
| 189: 1  | Romford (part of)* -             | 6739  | 3411  | 1       | -       | -   | -                                 | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                           |
| 2   | Ilford -                         | 8493  | 7645  | 8       | 3       | -   | 1                                 | -           | -        | -              | 2               | -               | -      | -          | -         | -              | -                                 |                           |
| 3   | Barking Town -                   | 4127  | 9203  | 10      | 3       | 1   | -                                 | -           | -        | -              | -               | -               | -      | -          | 1         | 1              | -                                 |                           |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warington and Farley in Godstone sub-district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district: 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 189: 1, the parish of Dagenham in Romford sub-district.  
 † Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 26th May, 1888.**

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |                                   |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----------------------------------|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           | Deaths in Public<br>Institutions. |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |                                   |  |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |            |           |                                   |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16.                               |  |
| EATER LONDON              | 448,334  | 5,527,886                                      | 15.9  | 1.7                                   | 1689                             | 389                                       | 394  | -           | 24       | 20                | 24          | 83                  | 14     | 16         | 82        | 388                               |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 16.6  | 1.8                                   | 1361                             | 322                                       | 317  | -           | 23       | 17                | 19          | 64                  | 13     | 9          | 65        | 345                               |  |
| OUTER RING -              | 370,924  | 1,244,965                                      | 13.7  | 1.5                                   | 328                              | 67  | 77   | -           | 1        | 3                 | 5           | 19                  | 1      | 7          | 17        | 43                                |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

**TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,302 Persons.**

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. |    | BIRTHS.                 | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                                |
|------------------------------|---------------------------------------|-----------------|----|-------------------------|---------|------------------------------------|---|
|                              |                                       | Week ending     |    | Exclusive of Stillborn. |         |                                    |   |
| CALCUTTA                     | 493,219                               | April           | 21 | -                       | 236     | 28.4                               | Fevers 55; cholera 73.  |
| BOMBAY                       | 778,196                               | May             | 1  | 286                     | 459     | 27.1                               | Fevers 136; cholera 9; small-pox 28.                          |
| MADRAS                       | 398,777                               | April           | 13 | 320                     | 270     | 35.3                               | Fevers 63; cholera 21; diarrhoeal diseases 56.                |
| PARIS                        | 2,260,945                             | May             | 19 | 1304                    | 945     | 21.7                               | Diphtheria and croup 44; typh. fev. 12; sm.-pox 6.            |
| BRUSSELS (with 8 Faubourgs.) | 454,410                               | "               | 19 | 254                     | 183     | 20.6                               | Diarrhoeal diseases 21.                                       |
| AMSTERDAM                    | 390,016                               | "               | 19 | 307                     | 173     | 23.6                               | Diphtheria 2; whooping-cough 7.                               |
| ROTTERDAM                    | 193,658                               | "               | 19 | 137                     | 83      | 21.8                               | Diphtheria 1.   |
| THE HAGUE                    | 149,477                               | "               | 19 | 102                     | 49      | 17.0                               | -   |
| COPENHAGEN                   | 300,000                               | "               | 8  | 259                     | 105     | 18.3                               | Diphtheria 3; croup 3; whooping-cough 3.                      |
| STOCKHOLM                    | 216,807                               | "               | 12 | 127                     | 91      | 21.4                               | Scarlet fever 3; meas. 4.                                     |
| CHRISTIANIA                  | 134,000                               | "               | 10 | 53                      | 84      | 32.2                               | Diphtheria and croup 5.                                       |
| ST. PETERSBURG               | 928,016                               | "               | 12 | -                       | 809     | 45.5                               | Tp. & tpd. fev. 34; meas. 47; dip. 8; sc. fev. 9; d. dis. 97. |
| BERLIN                       | 1,413,603                             | "               | 5  | 845                     | 491     | 17.9                               | Diph. 18; scar. fever 5; meas. 4; wh.-cough 5.                |
| HAMBURG (State)              | 529,091                               | "               | 12 | 369                     | 276     | 27.2                               | Diphtheria and croup 9; typh. & tpd. fev. 6; ms. 10.          |
| DRESDEN                      | 269,142                               | "               | 5  | 177                     | 110     | 22.1                               | Diphtheria and croup 5.                                       |
| BRESLAU                      | 308,105                               | "               | 12 | 191                     | 161     | 27.4                               | Diarrhoeal diseases 15.                                       |
| MUNICH                       | 275,000                               | "               | 12 | 200                     | 147     | 27.8                               | Whooping-cough. 2; diar. diseases 20.                         |
| VIENNA                       | 800,836                               | "               | 12 | 590                     | 515     | 33.4                               | Diph. 5; scar. fever 12; small-pox 2.                         |
| PRAGUE                       | 295,857                               | "               | 12 | -                       | 229     | 40.4                               | Small-pox 14; meas. 15; scar. fev. 2; diph. 3.                |
| BUDA-PESTH                   | 442,787                               | "               | 12 | 330                     | 254     | 29.8                               | Diphtheria 5; meas. 6.  |
| TRIESTE                      | 166,042                               | "               | 12 | -                       | 91      | 30.3                               | Diphtheria and croup 2; typhoid fever 4.                      |
| ROME                         | 382,973                               | April           | 14 | 211                     | 180     | 24.5                               | Sm.-pox 5; typh. fev. 3; dip. 2; mal. fev. 7.                 |
| TURIN (10 days)              | 294,826                               | "               | 20 | 210                     | 252     | 31.2                               | Diphtheria 12; scarlet fev. 5; measles 8.                     |
| VENICE                       | 150,502                               | May             | 12 | 66                      | 56      | 19.4                               | -   |
| CAIRO                        | 374,838                               | "               | 3  | 330                     | 300     | 41.8                               | Typhd. fev. 12; diarrhoeal diseases 107.                      |
| ALEXANDRIA                   | 231,596                               | "               | 3  | 165                     | 122     | 27.5                               | Diarrhoeal diseases 26.                                       |
| NEW YORK                     | 1,493,000                             | "               | 5  | -                       | 829     | 29.0                               | Diph. 48; scar. fev. 28; s.-p. 6; typh. & tpd. fev. 6.        |
| BROOKLYN                     | 774,870                               | "               | 5  | -                       | 330     | 22.2                               | Diphtheria 14; scarlet fever 13.                              |
| PHILADELPHIA                 | 1,016,753                             | "               | 5  | -                       | 480     | 24.6                               | Diph. 11; typhd. fev. 16; sm.-px. 7.                          |
| BALTIMORE                    | 437,155                               | "               | 5  | -                       | 146     | 17.4                               | Typhd. fev. 2; measles 7; whooping-cough 2.                   |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 26th May, 1888.

[Under the Superintendence of the Astronomer Royal.]

| 1888.          |  | TEMPERATURE.        |   |             |           |              |                   |                               |                   |             |             | TEMPERATURE.  |                  |                                  |           |               |      |   |                    |                        |                                  | Wind as deduced from Anemometers. |                      |                              |        |             |      |      |     |  |  | Rain collected in a Gauge whose surface is 6 inches above the level of the Ground. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                |  | Phases of the Moon. |   | Of the Air. |           |              |                   | Of the Dew Point.             |                   |             |             | Difference between the Air Temperature and Dew Point. |                  | Degree of Humidity (Saturation). |           | Of Radiation. |      | Of the Water of the Thames at Deptford. |                    | General Direction.     |                                  | Oiler's.                          |                      | Pressure on the Square Foot. |        | Robinson's. |      |      |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Month and Day. |  | Barom. in Mercur.   | Mean daily reading (corrected to 32° Fahr. held). | High. est.  | Low. est. | Daily Range. | Mean daily value. | De- parture from daily value. | Mean daily value. | Great. est. | Least. est. | High. est. in Rays.                                   | Lowest in Grass. | High. est.                       | Low. est. | A.M.          | P.M. | Great. est.                             | Least. hourly obs. | Mean of 24 hourly obs. | Horizontal Movement on each Day. | Vertical Movement on each Day.    | Average of 10 Years. | Miles.                       | Miles. | lbs.        | lbs. | lbs. | in. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MAY.           |  |                     |   |             |           |              |                   |                               |                   |             |             |   |                  |                                  |           |               |      |   |                    |                        |                                  |                                   |                      |                              |        |             |      |      |     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## GENERAL REMARKS.

| DATE.     | May. | Registered Sun above horizon in hours. | Electricity. (For explanation of symbols, see Note.)         | Remarks.  |
|-----------|------|--|--|---|
| SUNDAY    | 20   | 11.5                                   | W. P. throughout   | Fine. Partially cloudy till evening; cloudless at night.                                |
| MONDAY    | 21   | 10.9                                   | W. P. in morning; V. N. in afternoon; W. P. at night.        | Fine. Partially cloudy. Distant thunder heard in afternoon.                             |
| TUESDAY   | 22   | 2.4                                    | W. P. generally.   | Fine and bright in early morning; overcast generally till 3h. P.M.; cloudless at night. |
| WEDNESDAY | 23   | 14.6                                   | W. P. till 10h. A.M.; V. N. till 3h. P.M.; V. P. afterwards. | Cloudless throughout. A very fine day. Windy in afternoon.                              |
| THURSDAY  | 24   | 11.7                                   | V. P. throughout   | A fine day. Cloudy period between 8h. A.M. and 11h. A.M.; cloudless at other times.     |
| FRIDAY    | 25   | 10.1                                   | V. P. till afternoon; m. P. afterwards.                      | Cloudy in morning; cloudless generally till night; cloudy after 11h. P.M. A fine day.   |
| SATURDAY  | 26   | 1.1                                    | V. P. throughout   | Overcast till 6h. P.M.; partially cloudy till 8h. P.M.; generally cloudless afterwards. |
| Sum       |      | 62.3                                   |  |   |
| Sum       |      | 111.4                                  |  |   |

The height of the column of the barometer is 139 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometers, forming the mean daily value of temperature of the air and minimum thermometers, forming the mean daily value of humidity are deduced (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

— "lower," than the average.  
The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

— "lower," than the average.  
The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: — P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased to 30.17 in. by 3h. P.M.; on 21st, increased to 30.26 in. by 9h. P.M. on the 21st; decreased to 30.17 in. by 3h. P.M. on 22nd; increased to 30.21 in. by 9h. P.M. on the 22nd.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 22. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JUNE 2. [Price 1½d.

General Register Office, Somerset House,  
4th June, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·6 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |            |            |            | TOWNS.             | Weeks ending |            |            |            |
|--------------|--------------|------------|------------|------------|--------------------|--------------|------------|------------|------------|
|              | May<br>12.   | May<br>19. | May<br>26. | June<br>2. |                    | May<br>12.   | May<br>19. | May<br>26. | June<br>2. |
| Birkenhead   | 18·8         | 20·9       | 10·9       | 14·6       | Liverpool -        | 17·2         | 18·9       | 16·6       | 19·2       |
| Birmingham   | 15·7         | 18·9       | 17·1       | 17·9       | London -           | 16·6         | 17·9       | 16·6       | 16·1       |
| Blackburn -  | 22·8         | 25·4       | 19·7       | 22·4       | Manchester -       | 21·9         | 22·4       | 24·8       | 25·7       |
| Bolton -     | 26·7         | 17·0       | 21·6       | 15·2       | Newcastle-on-Tyne* | 21·7         | 20·3       | 18·1       | 20·3       |
| Bradford*    | 17·0         | 19·1       | 19·1       | 14·3       | Norwich -          | 19·5         | 24·5       | 22·8       | 19·5       |
| Brighton -   | 14·3         | 19·6       | 22·2       | 14·3       | Nottingham*        | 19·2         | 14·2       | 13·3       | 18·3       |
| Bristol -    | 18·9         | 17·0       | 17·3       | 15·2       | Oldham -           | 19·3         | 23·0       | 22·7       | 19·6       |
| Cardiff*     | 12·5         | 21·6       | 19·2       | 16·8       | Plymouth -         | 21·5         | 20·8       | 22·2       | 18·1       |
| Derby -      | 14·1         | 19·5       | 15·7       | 13·0       | Portsmouth -       | 18·3         | 17·9       | 11·6       | 18·7       |
| Halifax -    | 24·7         | 16·3       | 20·8       | 18·9       | Preston -          | 17·7         | 22·2       | 27·8       | 23·7       |
| Huddersfield | 16·6         | 20·5       | 17·1       | 18·8       | Salford* -         | 19·6         | 23·5       | 22·8       | 17·1       |
| Hull -       | 19·1         | 21·7       | 17·0       | 19·1       | Sheffield -        | 14·8         | 19·8       | 17·2       | 21·4       |
| Leeds -      | 19·6         | 18·6       | 21·2       | 20·1       | Sunderland -       | 17·0         | 17·4       | 18·6       | 15·8       |
| Leicester*   | 18·5         | 15·3       | 16·4       | 16·0       | Wolverhampton -    | 23·6         | 22·3       | 17·2       | 24·9       |

The highest annual death-rates, measured by last week's mortality, were: from *measles*, 0·9 in Bradford; from *scarlet fever*, 0·9 in Blackburn; and from *whooping-cough*, 1·3 in Sheffield, 1·4 in Salford, 1·9 in Wolverhampton, and 2·6 in Manchester. The 39 deaths from *diphtheria* in the twenty-eight towns included 26 in London, 2 in Norwich, and 3 in Hull. *Small-pox* caused 4 deaths in Sheffield, one in Bristol, one in Nottingham, one in Derby, one in Oldham, one in Preston, and one in Hull, but not one in any of the twenty other large provincial towns, or in London.

## LONDON.

In LONDON† 2491 BIRTHS and 1323 DEATHS were registered. Allowing for increase of population, the births were 172, and the deaths 209, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·9 and 16·6 in the preceding two weeks, further declined last week to 16·1, and was lower than in any week since the beginning of October last. During the first nine weeks of the current quarter the death-rate averaged 17·9 per 1,000, and was 2·7 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1323 deaths included 24 from measles, 19 from scarlet fever, 26 from diphtheria, 37 from whooping-cough, 9 from enteric fever, 19 from diarrhoea and dysentery, one from choleraic diarrhoea, and not one from small-pox, typhus, or ill-defined forms of continued fever; thus, 135 deaths were referred to these diseases, being 109 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 24. There were only 3 small-pox patients under treatment in the Metropolitan Asylum Hospitals at the end of last week, against numbers declining from 21 to 4 on the five preceding Saturdays; and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 18 and 23 in the two preceding weeks, further rose last week to 24, but were 49 below the corrected average; 4 belonged to Pancras, and 4 to Hackney sanitary areas. The deaths from *scarlet fever*, which had been 13 and 17 in the two previous weeks, further rose last week to 19, but were 11 below the corrected average; 2 belonged to Pancras, 3 to Bethnal Green, and 5 to Poplar sanitary areas. At the end of the week the Metropolitan Asylum Hospitals and the London Fever Hospital contained 947 scarlet fever patients against 987 and 958 in the two preceding weeks; 96 cases were admitted to these hospitals during the week, against 92 and 72 in the two previous weeks. The deaths from *diphtheria*, which had been 29 and 19 in the two previous weeks, rose again last week to 26, and exceeded the corrected average by 11; 2 belonged to Paddington, 3 to St. George Hanover Square, 5 to Hackney, 3 to Poplar, 2 to Wandsworth, and 2 to Greenwich sanitary areas. The fatal cases of *whooping-cough*, which had been 64 in each of the two preceding weeks, declined last week to 37, and were 35 below the corrected average; 4 belonged to Marylebone, 3 to Camberwell, and 3 to Greenwich sanitary areas. The 19 deaths attributed to *diarrhoea* and *dysentery* showed a considerable increase upon the low number in the previous week, and exceeded the corrected average by 3; 9 were of infants aged under one year, and 6 of persons aged upwards of 60 years. The death of a child, aged 8 years, in Greenwich was referred to choleraic diarrhoea.

The deaths referred to *enteric fever*, which had been 12 and 10 in the two preceding weeks, further declined last week to 9, and were 3 below the corrected average. The Metropolitan Asylum Hospitals contained 90 cases of enteric fever, but not one of typhus, on Saturday last; 11 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 296 and 228 in the two preceding weeks, were last week 237, and were 26 below the corrected average.

Different forms of violence caused 73 deaths; 59 were the result of negligence or accident, among which were 25 from fractures and contusions, 2 from burns and scalds, 13 from drowning, 2 from poison, and 11 of infants under one year of age from suffocation. The 25 deaths from fractures and contusions were thus caused:—5 by accidents from vehicles in the streets; 3 by accidents on railways; 1 by fall from ladder; 1 by fall from window; 3 by fall down stairs; 1 by fall from parapet; 4 by fall in street (including one during intoxication); 1 by fall on floor; 1 by fall from boy's shoulder; 1 by fall, the nature of which was not stated; 2 by injury from machinery; 2 by injury, the cause of which was not stated. An inquest was held in each of these 25 cases except in one of the last two. The death of a male, aged 18 years, resulted from the administration of chloroform for the purpose of a surgical operation. Eleven cases of suicide were registered, being one above the corrected average.

#### GREATER LONDON.

In Greater London 3260 births and 1607 deaths were registered, corresponding to annual rates of 30·8 and 15·2 per 1000 of the population. In the Outer Ring 9 deaths from diphtheria, and 7 from whooping-cough were registered. The deaths in West Ham sub-district included 5 fatal cases of diphtheria and 2 of scarlet fever.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·78 in.; the lowest reading was 29·55 in. on Wednesday morning, and the highest 30·07 in. on Friday evening. The mean temperature of the *air* was 55·8, and 1°·3 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Wednesday, Friday, and Saturday, but was below the average on each of the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 11·1 miles per hour, which was 0·9 mile above the average in the corresponding weeks of 16 years. *Rain* fell on Wednesday, to the amount of 0·16 inch. The duration of registered bright sunshine in the week was 43·8 hours, against 55·2 hours at Glynde Place, Lewes.

TABLE A.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the week ending 2nd June, 1888.

| CITIES<br>AND<br>BOROUGH. | Registered during<br>the Week ending<br>June 2nd, 1888. |      |      | The Deaths registered in the Week include |  |            |          |                   |             |                     |        |          |           | TEMPERATURE OF THE AIR. |                                      |               |             |                                   | RAINFALL.           |                   | CITIES<br>AND<br>BOROUGH. |         |          |             |
|---------------------------|---|------|------|---|--|------------|----------|-------------------|-------------|---------------------|--------|----------|-----------|-------------------------|--------------------------------------|---------------|-------------|-----------------------------------|---------------------|-------------------|---------------------------|---------|----------|-------------|
|                           | 1.  | 2.   | 3.   | Deaths of                                 |  |            |          |                   |             |                     |        |          |           | Mean.                   |                                      | In<br>Inches. | In<br>Cent. |                                   |                     |                   |                           |         |          |             |
|                           |   |      |      | Infants under<br>1 Year of<br>Age.        | Persons aged<br>60 Years<br>and upwards. | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Malaria. | Violence. | Inquest Cases.          | Deaths in<br>Public<br>Institutions. |               |             | Unclassified<br>(Cases of Death). | From All<br>Causes. | From 6-12<br>P.M. |                           | Lowest. | Highest. | Fahrenheit. |
| Cols.                     | 1.  | 2.   | 3.   | 4.  | 5.                                       | 6.         | 7.       | 8.                | 9.          | 10.                 | 11.    | 12.      | 13.       | 14.                     | 15.                                  | 16.           | 17.         | 18.                               | 19.                 | 20.               | 21.                       | 22.     | 23.      | 24.         |
| 28 TOWNS*                 | 9,398,273   | 5794 | 3172 | 711                                       | 719                                      | 10         | 34       | 31                | 39          | 101                 | 21     | 46       | 131       | 213                     | 581                                  | 84            | 17-6        | 1-6                               | 83-0                | 35-0              | 51-2                      | 10-67   | 0-34     | 0-86        |
| LONDON*                   | 4,282,921   | 2491 | 1323 | 288                                       | 298                                      | -          | 24       | 19                | 26          | 37                  | 9      | 19       | 73        | 111                     | 326                                  | 11            | 16-1        | 1-6                               | 83-0                | 35-0              | 55-8                      | 13-22   | 0-16     | 0-41        |
| BRIGHTON                  | 119,983   | 47   | 33   | 4   | 9  | -          | -        | -                 | 1           | -                   | -      | 1        | 1         | 1                       | 7                                    | 1             | 14-3        | 0-7                               | 75-0                | 39-2              | 53-9                      | 12-17   | 0-16     | 0-41        |
| PORTSMOUTH                | 139,575   | 84   | 50   | 11  | 12                                       | -          | -        | -                 | 1           | -                   | -      | -        | 2         | 3                       | 5                                    | 1             | 18-7        | 0-7                               | -                   | -                 | -                         | -       | -        | -           |
| NORWICH                   | 93,675  | 73   | 35   | 10  | 11                                       | -          | -        | -                 | 1           | 1                   | -      | -        | -         | -                       | 4                                    | -             | 19-5        | 2-8                               | -                   | -                 | -                         | -       | -        | -           |
| PLYMOUTH                  | 77,674  | 51   | 27   | 7   | 6  | -          | -        | -                 | 1           | 1                   | -      | -        | 2         | 2                       | 4                                    | -             | 13-1        | 0-7                               | 67-0                | 44-0              | 53-7                      | 12-06   | 0-37     | 0-94        |
| BRISTOL                   | 226,510   | 137  | 66   | 13  | 22                                       | 1          | -        | -                 | 1           | -                   | -      | 2        | 2         | 2                       | 12                                   | 2             | 15-2        | 0-9                               | 73-5                | 39-1              | 52-5                      | 11-39   | 0-32     | 0-81        |
| WOLVERHAMPTON             | 81,691  | 61   | 39   | 8   | 9  | -          | 1        | -                 | -           | 3                   | -      | -        | 2         | 2                       | 10                                   | -             | 24-9        | 2-6                               | 67-9                | 36-5              | 49-5                      | 9-72    | 0-21     | 0-53        |
| BIRMINGHAM                | 447,912   | 274  | 154  | 36  | 40                                       | -          | 2        | 1                 | 1           | 7                   | -      | 3        | 7         | 16                      | 28                                   | 4             | 17-9        | 1-6                               | -                   | -                 | -                         | -       | -        | -           |
| LEICESTER*                | 146,790   | 95   | 45   | 12  | 11                                       | -          | 1        | -                 | 2           | -                   | -      | 3        | 1         | 6                       | 9                                    | 1             | 16-0        | 1-1                               | -                   | -                 | -                         | -       | -        | -           |
| NOTTINGHAM*               | 230,921   | 135  | 81   | 14  | 24                                       | 1          | -        | 2                 | 1           | 1                   | 2      | 3        | 1         | 1                       | 6                                    | 1             | 18-3        | 2-3                               | 65-6                | 41-3              | 50-2                      | 10-11   | 0-24     | 0-61        |
| DERBY                     | 16,241  | 52   | 24   | 8   | 5  | 1          | -        | -                 | -           | 1                   | -      | -        | -         | 1                       | 1                                    | 1             | 13-0        | 1-1                               | -                   | -                 | -                         | -       | -        | -           |
| BIRKENHEAD                | 100,093   | 52   | 28   | 6   | 9  | -          | -        | -                 | -           | 1                   | -      | -        | 1         | 2                       | 5                                    | 1             | 14-6        | 0-0                               | -                   | -                 | -                         | -       | -        | -           |
| LIVERPOOL                 | 519,738   | 399  | 221  | 47  | 49                                       | -          | 1        | 1                 | 1           | 6                   | -      | 2        | 2         | 7                       | 33                                   | 11            | 19-2        | 1-0                               | 64-9                | 42-6              | 50-8                      | 10-44   | 0-35     | 0-89        |
| ROLTON                    | 113,506   | 71   | 33   | 7   | 5  | -          | -        | -                 | -           | 1                   | 1      | 1        | 2         | 2                       | 4                                    | 1             | 15-2        | 1-4                               | -                   | -                 | -                         | -       | -        | -           |
| MANCHESTER                | 578,164   | 388  | 186  | 42  | 29                                       | -          | -        | 2                 | -           | 19                  | 1      | 2        | 14        | 20                      | 33                                   | 8             | 23-7        | 3-3                               | -                   | -                 | -                         | -       | -        | -           |
| SALFORD*                  | 226,336   | 173  | 74   | 14  | 19                                       | -          | -        | -                 | -           | 6                   | 1      | 2        | 1         | 3                       | 16                                   | 6             | 17-1        | 2-1                               | -                   | -                 | -                         | -       | -        | -           |
| OLDHAM                    | 138,220   | 72   | 52   | 9   | 10                                       | 1          | -        | -                 | -           | -                   | -      | 1        | -         | 5                       | -                                    | -             | 19-6        | 0-8                               | -                   | -                 | -                         | -       | -        | -           |
| BLACKBURN                 | 119,029   | 71   | 51   | 12  | 10                                       | -          | -        | 2                 | -           | -                   | -      | -        | 1         | 2                       | 8                                    | 3             | 22-4        | 0-9                               | -                   | -                 | -                         | -       | -        | -           |
| PRESTON                   | 103,234   | 95   | 47   | 6   | 9  | 1          | -        | 1                 | 1           | -                   | -      | 3        | 4         | 5                       | 9                                    | 2             | 23-7        | 3-0                               | 64-0                | 43-0              | 51-6                      | 10-89   | 0-23     | 0-58        |
| HUDDESFIELD               | 91,419  | 38   | 33   | 12  | 8  | -          | -        | -                 | -           | -                   | -      | -        | 2         | 3                       | 3                                    | 1             | 18-8        | 0-0                               | -                   | -                 | -                         | -       | -        | -           |
| HALIFAX                   | 80,138  | 41   | 29   | 7   | 7  | -          | -        | -                 | -           | 1                   | -      | -        | 1         | 1                       | 2                                    | 1             | 18-9        | 0-7                               | -                   | -                 | -                         | -       | -        | -           |
| BRADFORD*                 | 229,721   | 98   | 63   | 13  | 15                                       | -          | 4        | -                 | -           | -                   | -      | -        | -         | 2                       | 7                                    | -             | 14-3        | 0-9                               | 65-6                | 41-4              | 49-6                      | 9-78    | 0-34     | 0-86        |
| LEEDS                     | 351,210   | 233  | 135  | 32  | 32                                       | -          | -        | 1                 | 1           | 3                   | 2      | 2        | 3         | 10                      | 8                                    | 6             | 20-1        | 1-3                               | -                   | -                 | -                         | -       | -        | -           |
| SHEFFIELD                 | 321,711   | 202  | 132  | 37  | 29                                       | 4          | -        | -                 | -           | 8                   | -      | 4        | 5         | 3                       | 14                                   | 11            | 21-4        | 2-6                               | -                   | -                 | -                         | -       | -        | -           |
| HULL                      | 202,359   | 129  | 74   | 18  | 15                                       | 1          | 1        | 1                 | 1           | 1                   | 1      | -        | 1         | 1                       | 5                                    | 7             | 19-1        | 2-1                               | 68-0                | 40-0              | 48-8                      | 9-33    | 0-78     | 1-98        |
| SUNDERLAND                | 131,919   | 100  | 40   | 11  | 9  | -          | -        | -                 | -           | 1                   | -      | -        | 1         | 1                       | 2                                    | -             | 15-8        | 0-4                               | -                   | -                 | -                         | -       | -        | -           |
| NEWCASTLE*                | 119,403   | 121  | 62   | 17  | 13                                       | -          | -        | -                 | -           | 1                   | -      | 1        | 2         | 4                       | 7                                    | 3             | 20-3        | 0-7                               | 62-0                | 40-0              | 46-7                      | 8-17    | 0-55     | 1-40        |
| CARDIFF*                  | 108,570   | 81   | 35   | 10  | 4  | -          | -        | -                 | -           | 2                   | -      | -        | 1         | 3                       | 9                                    | 1             | 16-8        | 1-0                               | -                   | -                 | -                         | -       | -        | -           |
| EDINBURGH                 | 262,733   | 168  | 93   | 14  | 20                                       | -          | -        | 1                 | 2           | -                   | -      | 2        | 3         | 8                       | 21                                   | 27            | 18-5        | 1-0                               | 57-9                | 31-0              | 46-7                      | 8-17    | 1-39     | 3-53        |
| GLASGOW                   | 516,088   | 369  | 225  | 50  | 44                                       | -          | -        | 6                 | 2           | 12                  | 4      | 3        | 12        | 9                       | 36                                   | 21            | 22-3        | 3-7                               | 56-7                | 35-1              | 47-7                      | 8-72    | 1-38     | 3-25        |
| DUBLIN                    | 363,082   | 227  | 159  | 25  | 42                                       | -          | 1        | 4                 | -           | 9                   | 4      | 2        | 3         | 4                       | 38                                   | 22            | 23-5        | 3-0                               | 64-9                | 38-9              | 50-1                      | 10-06   | 0-47     | 1-19        |

\* See note on first page of this Return.



**TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-SECOND Weeks of Ten previous Years.**

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2539 | 2372 | 2489 | 2578 | 2176 | 2622 | 2548 | 2409 | 2537 | 2148 | 2662.7   | 2491 |
| Males . .           | 1293 | 1176 | 1270 | 1316 | 1109 | 1322 | 1290 | 1228 | 1311 | 1079 | 1351.5   | 1275 |
| Females .           | 1246 | 1196 | 1219 | 1262 | 1067 | 1300 | 1258 | 1181 | 1226 | 1069 | 1311.2   | 1216 |
| <b>TOTAL Deaths</b> | 1419 | 1427 | 1306 | 1507 | 1304 | 1405 | 1476 | 1521 | 1235 | 1447 | 1531.8   | 1323 |
| Males . .           | 712  | 758  | 635  | 782  | 704  | 754  | 795  | 765  | 634  | 798  | 805.6  | 697  |
| Females .           | 707  | 669  | 621  | 725  | 600  | 651  | 681  | 756  | 601  | 649  | 726.2  | 626  |

The numbers in this column are the average weekly numbers in the twenty-second weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

**TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.**

|  |              |   | Mar.<br>10. | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. | May<br>5. | May<br>12. | May<br>19. | May<br>26. | June<br>2. |
|--|--------------|---|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-----------|------------|------------|------------|------------|
| <b>TOTAL Births</b>                        | -            | - | 2583        | 2629        | 2522        | 2492        | 2588       | 2331        | 2579        | 2577        | 2650      | 2574       | 2364       | 2278       | 2491       |
| <b>TOTAL Deaths</b>                        | -            | - | 1886        | 1604        | 1655        | 1668        | 1593       | 1692        | 1551        | 1437        | 1429      | 1360       | 1469       | 1361       | 1323       |
| 0-20                                       | -            | - | 811         | 698         | 715         | 747         | 716        | 800         | 681         | 628         | 643       | 615        | 637        | 608        | 581        |
| 20-40                                      | -            | - | 223         | 201         | 197         | 183         | 189        | 215         | 212         | 177         | 187       | 186        | 212        | 180        | 178        |
| 40-60                                      | -            | - | 300         | 275         | 285         | 340         | 270        | 278         | 265         | 277         | 243       | 238        | 272        | 256        | 266        |
| 60-80                                      | -            | - | 465         | 353         | 384         | 329         | 320        | 335         | 310         | 302         | 277       | 255        | 276        | 268        | 255        |
| at 80 years & upwds.                       | -            | - | 87          | 77          | 74          | 69          | 98         | 64          | 83          | 53          | 79        | 66         | 72         | 49         | 43         |
| Deaths of children {                       | Under 1 year | - | 424         | 332         | 361         | 366         | 346        | 395         | 367         | 329         | 324       | 319        | 296        | 322        | 288        |
|  | 1-5          | - | 281         | 274         | 254         | 273         | 263        | 302         | 229         | 209         | 225       | 190        | 254        | 204        | 184        |
|  | 5-20         | - | 106         | 92          | 100         | 108         | 107        | 103         | 85          | 90          | 94        | 106        | 87         | 82         | 109        |
| Deaths from Small-pox                      | -            | - | 2           | -           | -           | -           | -          | -           | -           | 1           | -         | -          | -          | -          | -          |
| " " Measles                                | -            | - | 21          | 22          | 18          | 17          | 16         | 12          | 18          | 16          | 14        | 22         | 18         | 23         | 24         |
| " " Scarlet fever                          | -            | - | 29          | 25          | 24          | 40          | 20         | 17          | 21          | 15          | 23        | 19         | 13         | 17         | 19         |
| " " Diphtheria                             | -            | - | 24          | 22          | 17          | 15          | 16         | 19          | 10          | 22          | 15        | 15         | 29         | 19         | 26         |
| " " Whooping-cough                         | -            | - | 101         | 92          | 80          | 93          | 89         | 108         | 91          | 80          | 87        | 52         | 64         | 64         | 37         |
| " " Typhus                                 | -            | - | -           | 1           | 1           | 1           | -          | -           | -           | -           | 1         | -          | -          | -          | -          |
| " " Enteric fever                          | -            | - | 20          | 10          | 10          | 13          | 20         | 9           | 13          | 7           | 11        | 9          | 12         | 10         | 9          |
| " " SimpleCont <sup>d</sup> fever          | -            | - | -           | 1           | -           | -           | 1          | -           | 1           | -           | -         | 1          | -          | 3          | -          |
| " " Diarrhœa and }<br>Dysentery - }        | -            | - | 17          | 10          | 6           | 16          | 17         | 19          | 23          | 17          | 19        | 14         | 15         | 9          | 19         |
| " " Cholera                                | -            | - | -           | -           | -           | -           | 1          | -           | -           | -           | -         | 1          | -          | 2          | 1          |
| Deaths from the above-mentioned Diseases } | -            | - | 214         | 183         | 156         | 195         | 180        | 184         | 177         | 158         | 170       | 133        | 151        | 147        | 135        |
| " " Dis. of Respiratory System }           | -            | - | 490         | 459         | 457         | 460         | 419        | 444         | 363         | 343         | 287       | 260        | 296        | 228        | 237        |
| " " Phthisis -                             | -            | - | 159         | 140         | 144         | 155         | 152        | 150         | 137         | 146         | 135       | 134        | 176        | 151        | 157        |
| " " Dis. of Circulatory System }           | -            | - | 161         | 137         | 133         | 130         | 128        | 134         | 129         | 87          | 122       | 119        | 105        | 119        | 109        |
| Violent Deaths                             | -            | - | 51          | 58          | 64          | 75          | 56         | 52          | 48          | 56          | 39        | 51         | 63         | 65         | 73         |
| Inquest Cases                              | -            | - | 123         | 116         | 120         | 129         | 129        | 121         | 109         | 110         | 101       | 106        | 113        | 108        | 111        |
| Deaths in Public Institutions              | -            | - | 424         | 355         | 365         | 376         | 347        | 347         | 352         | 352         | 332       | 305        | 370        | 345        | 326        |
| TEMPERATURE OF THE AIR                     | -            | - | -           | -           | -           | -           | -          | -           | -           | -           | -         | -          | -          | -          | -          |
| Mean                                       | -            | - | 42.6        | 37.2        | 34.7        | 40.0        | 37.1       | 42.2        | 48.5        | 48.7        | 49.0      | 52.3       | 55.9       | 54.0       | 55.8       |
| Mean of Highest readings                   | -            | - | 48.8        | 43.2        | 40.6        | 47.5        | 47.0       | 50.3        | 59.0        | 51.4        | 58.9      | 64.1       | 68.0       | 66.0       | 69.1       |
| Mean of Lowest readings                    | -            | - | 36.9        | 32.7        | 30.4        | 34.5        | 29.3       | 35.3        | 41.2        | 37.8        | 40.2      | 41.2       | 45.6       | 43.2       | 44.3       |
| Humidity of the Air                        | -            | - | 79          | 81          | 80          | 87          | 78         | 78          | 82          | 86          | 68        | 69         | 69         | 68         | 69         |
| Rain-fall in inches                        | -            | - | 0.30        | 0.95        | 0.66        | 0.87        | 0.08       | 0.11        | 0.65        | 0.67        | 0.16      | 0.00       | 0.32       | 0.00       | 0.16       |
| Registered Sunshine (in hours)             | -            | - | 6.5         | 10.8        | 11.3        | 11.2        | 29.0       | 21.5        | 35.7        | 3.0         | 43.2      | 51.0       | 39.4       | 62.3       | 43.8       |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

**METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)**

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the result has been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SECOND Week of the Year 1888.

| CAUSES OF DEATH.   | Corrected Averages for the 22nd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 2nd June 1888. |           |      |       |                  |                  |                  |                       | Corrected Averages for the 22nd Weeks of the 10 years 1878-87.* | CAUSES OF DEATH.  | Corrected Averages for the 22nd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 2nd June 1888. |           |      |       |                  |                  |                  |                       |  |  |  |
|--|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|--|--|
|  |   | Deaths of Persons of the Ages               |           |      |       |                  |                  |                  |                       |   |   |   | Deaths of Persons of the Ages               |           |      |       |                  |                  |                  |                       |  |  |  |
|  |   | ALL AGES.                                   | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   |   | ALL AGES.                                   | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |  |  |
|  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |  |  |
| ALL CAUSES - -   | 1531.8  | 1323  | 288       | 184  | 109   | 178              | 266              | 255              | 43                    |   | Diseases of Organs of Special Sense † - -                   | 2.1   | -   | -         | -    | -     | -                | -                | -                | -                     |  |  |  |
| Small-pox { Vaccinated † - - - - -<br>Unvaccinated - - - - -<br>No Statement - - - - - | 23.6  | -   | -         | -    | -     | -                | -                | -                | -                     |   | Diseases of Circulatory System - - - - -                    | 93.6  | 109   | -         | 1    | 15    | 15               | 28               | 44               | 6                     |  |  |  |
| Measles - - - - -  | 72.7  | 24  | 7         | 16   | 1     | -                | -                | -                | -                     |   | Croup - - - - -   | 10.0  | 2   | -         | 2    | -     | -                | -                | -                | -                     |  |  |  |
| Scarlet Fever - - - - -  | 29.6  | 19  | 1         | 10   | 8     | -                | -                | -                | -                     |   | Bronchitis - - - - -  | 135.4   | 112   | 33        | 16   | 2     | 3                | 22               | 30               | 6                     |  |  |  |
| Typhus - - - - -   | 1.8   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Pneumonia - - - - -   | 83.7  | 83  | 12        | 19   | 3     | 11               | 19               | 14               | 5                     |  |  |  |
| Relapsing Fever † - - - -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Pleurisy - - - - -  | 5.3   | 5   | -         | -    | 1     | 1                | 2                | 1                | -                     |  |  |  |
| Influenza - - - - -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Other Diseases of Respiratory System - - - - -              | 27.7  | 35  | 5         | 10   | 3     | 1                | 8                | 7                | 1                     |  |  |  |
| Whooping-cough - - - -   | 71.6  | 37  | 19        | 13   | -     | -                | -                | -                | -                     |   | Dentition † - - - - -                                       | 12.4  | 5   | 4         | 1    | -     | -                | -                | -                | -                     |  |  |  |
| Diphtheria - - - - -   | 14.6  | 26  | 3         | 13   | 10    | -                | -                | -                | -                     |   | Quinsy, Sore Throat † - -                                   | 1.9   | 2   | -         | 1    | 1     | -                | -                | -                | -                     |  |  |  |
| Simple Continued and Ill-defined Fever - - -   | 1.9   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Enteritis - - - - -   | 7.1   | 8   | 2         | 3    | -     | 1                | 1                | 1                | -                     |  |  |  |
| Enteric Fever - - - - -  | 11.7  | 9   | -         | 1    | 4     | 3                | -                | 1                | -                     |   | Peritonitis - - - - -                                       | 6.4   | 4   | -         | -    | -     | 1                | 1                | 2                | -                     |  |  |  |
| Cholera - - - - -  | 0.4   | 1   | -         | -    | 1     | -                | -                | -                | -                     |   | Diseases of Liver - - - -                                   | 34.3  | 30  | 4         | -    | -     | 4                | 11               | 11               | -                     |  |  |  |
| Diarrhoea, Dysentery - -   | 16.4  | 19  | 9         | 2    | -     | 2                | 4                | 2                | -                     |   | Other Diseases of Digestive System - - - - -                | 23.5  | 36  | 10        | -    | -     | 3                | 12               | 11               | -                     |  |  |  |
| Remittent Fever † - - -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Diseases of Lymphatic System & of Ductless Glands † - - - - | 2.5   | 2   | -         | -    | -     | 2                | -                | -                | -                     |  |  |  |
| Hydrophobia - - - - -  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Diseases of Urinary System - - - - -                        | 34.8  | 41  | -         | 2    | 4     | 7                | 15               | 13               | -                     |  |  |  |
| Glanders - - - - -   | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Diseases of Generative System - - - - -                     | 7.2   | 4   | -         | -    | -     | 1                | 3                | -                | -                     |  |  |  |
| Cowpox and Effects of Vaccination † - - - -  | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Accidents of Childbirth - -                                 | 4.5   | 1   | -         | -    | -     | 1                | -                | -                | -                     |  |  |  |
| Veneral Affections - - -   | 10.3  | 9   | 6         | -    | -     | 3                | -                | -                | -                     |   | Diseases of Locomotive System † - - - -                     | 7.2   | 5   | 1         | 1    | 2     | -                | -                | 1                | -                     |  |  |  |
| Erysipelas - - - - -   | 5.2   | 3   | 1         | -    | -     | -                | 1                | 1                | -                     |   | Diseases of Integumentary System - - - - -                  | 5.3   | 4   | 1         | -    | -     | 1                | -                | 2                | -                     |  |  |  |
| Pyæmia and Septicæmia †  | 2.3   | 3   | -         | -    | -     | 3                | -                | -                | -                     |   | VIOLENT DEATHS.‡  |   |   |           |      |       |                  |                  |                  |                       |  |  |  |
| Puerperal Fever - - - -  | 3.5   | 6   | -         | 1    | 4     | 1                | -                | -                | -                     |   | ACCIDENT.)  |   |   |           |      |       |                  |                  |                  |                       |  |  |  |
| Other Zymotic Diseases †   | 1.9   | 1   | 1         | -    | -     | -                | -                | -                | -                     |   | Fracture and Contusion - -                                  | 21.0  | 25  | 1         | 2    | 7     | 2                | 8                | 5                | -                     |  |  |  |
| Thrush - - - - -   | 2.6   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Gunshot Wound - - - - -                                     | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     |  |  |  |
| Worms and other Parasitical Diseases - - -   | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Cut, Stab - - - - -   | 0.3   | 1   | -         | -    | 1     | -                | -                | -                | -                     |  |  |  |
| Starvation, Want of Breast-milk † - - - -  | 1.1   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Burn and Scald - - - - -                                    | 3.9   | 2   | -         | 2    | -     | -                | -                | -                | -                     |  |  |  |
| Alcoholism - - - - -   | 8.2   | 10  | -         | -    | 6     | 3                | 1                | -                | -                     |   | Poison - - - - -  | 1.5   | 2   | -         | 1    | 1     | -                | -                | -                | -                     |  |  |  |
| Rheumatic Fever, Rheumatism of Heart†  | 6.9   | 7   | -         | 6    | 1     | -                | -                | -                | -                     |   | Drowning - - - - -  | 11.3  | 13  | -         | 1    | 5     | 4                | 2                | 1                | -                     |  |  |  |
| Rheumatism † - - - - -   | 1.9   | 2   | -         | -    | -     | -                | 2                | -                | -                     |   | Suffocation - - - - -                                       | 11.6  | 14  | 11        | 1    | 1     | -                | 1                | -                | -                     |  |  |  |
| Gout - - - - -   | 3.8   | 3   | -         | -    | -     | -                | 3                | -                | -                     |   | Otherwise - - - - -   | 3.2   | 2   | 2         | -    | -     | -                | -                | -                | -                     |  |  |  |
| Rickets † - - - - -  | 3.9   | 5   | 3         | 2    | -     | -                | -                | -                | -                     |   | (HOMICIDE.)   |   |   |           |      |       |                  |                  |                  |                       |  |  |  |
| Cancer - - - - -   | 49.2  | 63  | -         | 1    | 5     | 32               | 25               | -                | -                     |   | Murder & Manslaughter - -                                   | 3.1   | 3   | 1         | 1    | -     | 1                | -                | -                | -                     |  |  |  |
| Tabs Mesenterica - - - -   | 24.3  | 19  | 13        | 5    | 1     | 1                | -                | -                | -                     |   | (SUICIDE.)  |   |   |           |      |       |                  |                  |                  |                       |  |  |  |
| Tubercular Meningitis - -  | 35.0  | 26  | 8         | 11   | 7     | -                | -                | -                | -                     |   | Gunshot Wound - - - - -                                     | 0.8   | -   | -         | -    | -     | -                | -                | -                | -                     |  |  |  |
| Phthisis - - - - -   | 173.6   | 157   | 2         | 7    | 14    | 75               | 55               | 4                | -                     |   | Cut, Stab - - - - -   | 2.0   | 3   | -         | -    | -     | 2                | 1                | -                | -                     |  |  |  |
| Serofula, Tuberculosis - -   | 17.2  | 20  | 5         | 8    | 4     | 3                | -                | -                | -                     |   | Poison - - - - -  | 2.1   | 3   | -         | -    | -     | 2                | 1                | -                | -                     |  |  |  |
| Other Constitutional Diseases † - - - -  | 10.6  | 13  | -         | 2    | 1     | 2                | 4                | 4                | -                     |   | Drowning - - - - -  | 1.9   | -   | -         | -    | -     | -                | -                | -                | -                     |  |  |  |
| Premature Birth - - - - -  | 33.5  | 41  | 41        | -    | -     | -                | -                | -                | -                     |   | Hanging - - - - -   | 2.1   | 3   | -         | -    | -     | 3                | -                | -                | -                     |  |  |  |
| Atelectasis † - - - - -  | 3.5   | -   | -         | -    | -     | -                | -                | -                | -                     |   | Otherwise - - - - -   | 0.9   | 2   | -         | -    | -     | 2                | -                | -                | -                     |  |  |  |
| Congenital Malformations -   | 7.3   | 8   | 7         | 1    | -     | -                | -                | -                | -                     |   | (EXECUTION.)  |   |   |           |      |       |                  |                  |                  |                       |  |  |  |
| Old Age - - - - -  | 45.1  | 33  | -         | -    | -     | -                | 13               | 15               | -                     |   | Hanging - - - - -   | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |  |  |  |
| Apoplexy - - - - -   | 43.9  | 38  | -         | 1    | 1     | 6                | 9                | 17               | 4                     |   | OTHER CAUSES † - - -  | 56.7  | 39  | 32        | 4    | -     | -                | 1                | 2                | -                     |  |  |  |
| Epilepsy - - - - -   | 9.7   | 8   | 2         | 1    | -     | -                | 1                | 4                | -                     |   |   |   |   |           |      |       |                  |                  |                  |                       |  |  |  |
| Convulsions - - - - -  | 43.4  | 31  | 26        | 4    | 1     | -                | -                | -                | -                     |   |   |   |   |           |      |       |                  |                  |                  |                       |  |  |  |
| Other Diseases of Brain and Nervous System   | 95.1  | 82  | 16        | 13   | 4     | 8                | 12               | 25               | 4                     |   |   |   |   |           |      |       |                  |                  |                  |                       |  |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

|   |  | The DEATHS registered in the Week include    |  |  |                                 |                                     |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                |                                   |                                |
|---|--|--|--|--|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|------------|-----------|-----|-----|----------------|-----------------------------------|--------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                   |                              |            |           |     |     | Inquest Cases. | Deaths in Public<br>Institutions. | Unrecorded Causes<br>of Death. |
|   |  |  |  |  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |     |                |                                   |                                |
| LONDON . . . . .  |  | 3,815,704                                    | 2401                                   | 1323                                   | 288                             | 298                                 | -           | 24       | 19             | 26          | 37              | -       | 9                                 | -                            | 19         | 73        | 111 | 326 | 11             |                                   |                                |
| WEST DISTRICTS . . . . .  |  | 669,638                                      | 368                                    | 242                                    | 41                              | 63                                  | -           | 4        | 3              | 6           | 9               | -       | 1                                 | -                            | 4          | 14        | 23  | 69  | -              |                                   |                                |
| NORTH DISTRICTS . . . . .   |  | 905,947                                      | 563                                    | 302                                    | 66                              | 73                                  | -           | 9        | 6              | 6           | 8               | -       | 1                                 | -                            | 3          | 11        | 20  | 74  | 1              |                                   |                                |
| CENTRAL DISTRICTS . . . . .   |  | 282,238                                      | 136                                    | 102                                    | 24                              | 27                                  | -           | 1        | -              | 2           | 3               | -       | -                                 | -                            | -          | 7         | 7   | 35  | 2              |                                   |                                |
| EAST DISTRICTS . . . . .  |  | 692,738                                      | 491                                    | 237                                    | 57                              | 44                                  | -           | 6        | 7              | 4           | 6               | -       | 3                                 | -                            | 4          | 17        | 23  | 63  | 1              |                                   |                                |
| SOUTH DISTRICTS . . . . .   |  | 1,365,148                                    | 928                                    | 440                                    | 100                             | 91                                  | -           | 4        | 3              | 8           | 11              | -       | 4                                 | -                            | 8          | 24        | 33  | 85  | 7              |                                   |                                |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| WEST DISTRICTS.   |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                |                                   |                                |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69888  | 36                                     | 23                                     | 3                               | 6                                   | -           | -        | -              | 2           | 2               | -       | -                                 | -                            | -          | 1         | 2   | 3   | -              |                                   |                                |
| St. John Paddington H - G.J.  |  | 37830  | 10                                     | 21                                     | 1                               | 5                                   | -           | 1        | -              | -           | -               | -       | 1                                 | -                            | -          | 5         | 6   | 10  | -              |                                   |                                |
| Kensington Town Ww - W.M.   |  | 120141                                       | 52                                     | 49                                     | 2                               | 15                                  | -           | 1        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -   | 17  | -              |                                   |                                |
| Brompton HH - W.M. & C.   |  | 43010  | 6                                      | 9                                      | 1                               | 4                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 2   | -              |                                   |                                |
| St. Peter Hammersmith - W.M.  |  | 7599   | -                                      | 28                                     | -                               | -                                   | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 61                                     | 23                                     | 7                               | 4                                   | -           | -        | -              | -           | 2               | -       | -                                 | -                            | 2          | 2         | 2   | 2   | -              |                                   |                                |
| Fulham Ww - W.M. & C.   |  | 42900  | 53                                     | 22                                     | 9                               | 2                                   | -           | 2        | 2              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| Chelsea South HHH - C.  |  | 80396  | 15                                     | 9                                      | 1                               | 4                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | 1         | 1   | 3   | -              |                                   |                                |
| Chelsea North-west WHHHHH - C.  |  | 24925  | 19                                     | 12                                     | 3                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 2   | 6   | -              |                                   |                                |
| Chelsea North-east - C.   |  | 32807  | 22                                     | 16                                     | 6                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| May Fair WW - G.J.  |  | 80353  | 8                                      | 14                                     | -                               | 9                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 2   | 9   | -              |                                   |                                |
| Belgrave WHHH - C.  |  | 59220  | 29                                     | 20                                     | 3                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | 1   | -   | -              |                                   |                                |
| St. John Westminster HHH - C.   |  | 35496  | 13                                     | 7                                      | 6                               | 1                                   | -           | -        | -              | 2           | -               | -       | -                                 | -                            | -          | 1         | 1   | 5   | -              |                                   |                                |
| St. Margaret Westminster H - C.   |  | 24679  | 14                                     | 8                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 2   | 3   | -              |                                   |                                |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941  | 10                                     | 8                                      | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| St. Anne Soho HHHHHH - N.R.   |  | 18603  | 10                                     | 1                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| NORTH DISTRICTS.  |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                |                                   |                                |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 15                                     | 14                                     | 1                               | 3                                   | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | 1         | 3   | 4   | -              |                                   |                                |
| Cavendish Square HHHH - W.M.  |  | 14391  | 1                                      | 4                                      | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   | -              |                                   |                                |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 9                                      | 4                                      | 2                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 35                                     | 3                                      | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1   | -              |                                   |                                |
| Christchurch Marylebone H - W.M.  |  | 83700  | 21                                     | 11                                     | 2                               | 4                                   | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| St. John Marylebone H - W.M.  |  | 33633  | 18                                     | 9                                      | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| Hampstead WwvHHHH N.R. & W.M.   |  | 45452  | 20                                     | 10                                     | 1                               | 5                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -   | 2   | -              |                                   |                                |
| Regent's Park Pancras H - W.M.  |  | 39115  | 26                                     | 7                                      | 2                               | 1                                   | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | 10  | -              |                                   |                                |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 13                                     | 14                                     | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 3         | 3   | 6   | -              |                                   |                                |
| Gray's Inn Lane HHH - N.R.  |  | 30247  | 16                                     | 11                                     | 2                               | 3                                   | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | 1         | 1   | 3   | -              |                                   |                                |
| Somers Town H - N.R.  |  | 84369  | 25                                     | 10                                     | 3                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1   | -              |                                   |                                |
| Camden Town WH - N.R.   |  | 17311  | 11                                     | 13                                     | 2                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | 8   | -              |                                   |                                |
| Kentish Town W - N.R.   |  | 67487  | 59                                     | 30                                     | 5                               | 10                                  | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | 2   | 13  | -              |                                   |                                |
| Upper Holloway WwvH - N.R.  |  | 67943  | 43                                     | 33                                     | 6                               | 9                                   | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | 11  | -              |                                   |                                |
| Islington South-west HH - N.R.  |  | 100676                                       | 64                                     | 34                                     | 13                              | 7                                   | -           | -        | -              | -           | 2               | -       | -                                 | -                            | -          | -         | 1   | -   | -              |                                   |                                |
| Islington South-east - N.R.   |  | 61825  | 35                                     | 12                                     | 3                               | 4                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | 1   | -   | -              |                                   |                                |
| Highbury H - N.R.   |  | 52048  | 24                                     | 15                                     | 6                               | 4                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1   | -              |                                   |                                |
| Stoke Newington H - N.R.  |  | 22781  | 17                                     | 4                                      | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| Stamford Hill - N.R.  |  | 9277   | 11                                     | 8                                      | 2                               | 2                                   | -           | -        | -              | -           | 3               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| West Hackney - N.R.   |  | 37610  | 24                                     | 8                                      | 1                               | 3                                   | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| Hackney WwvH - E.L. & N.R.  |  | 76911  | 60                                     | 40                                     | 7                               | 8                                   | -           | 2        | 5              | 1           | 1               | -       | -                                 | -                            | 1          | 3         | 4   | 14  | -              |                                   |                                |
| South Hackney - E.L.  |  | 39383  | 21                                     | 8                                      | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| CENTRAL DISTRICTS.  |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                   |                              |            |           |     |     |                |                                   |                                |
| St. George Bloomsbury - N.R.  |  | 16681  | 3                                      | 5                                      | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| St. Giles South WH - N.R.   |  | 14864  | 16                                     | 5                                      | 1                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 4   | -              |                                   |                                |
| St. Giles North - N.R.  |  | 13837  | 10                                     | 8                                      | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17509  | 2                                      | 9                                      | 3                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 2   | 6   | -              |                                   |                                |
| St. Mary-le-Strand H - N.R.   |  | 7515   | 2                                      | 1                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| St. Clement Danes H - N.R.  |  | 8559   | 3                                      | 5                                      | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 2   | -              |                                   |                                |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                      | 1                                      | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1   | -              |                                   |                                |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18671  | 5                                      | 17                                     | 2                               | 4                                   | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | 1         | 1   | 7   | -              |                                   |                                |
| St. Andrew Eastern W - N.R.   |  | 10706  | 3                                      | 2                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1   | -              |                                   |                                |
| Saffron Hill H - N.R.   |  | 6533   | 2                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| St. James Clerkenwell - N.R.  |  | 17516  | 8                                      | 4                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | -   | -              |                                   |                                |
| Amwell Clerkenwell - N.R.   |  | 19281  | 10                                     | 6                                      | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1   | -   | -              |                                   |                                |
| Pentonville - N.R.  |  | 14773  | 12                                     | 2                                      | 1                               | -                                   | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | 1   | -   | -              |                                   |                                |
| Goosewell-street - N.R.   |  | 17503  | 9                                      | 6                                      | 2                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | 1   | -   | -              |                                   |                                |
| Old-street H - N.R.   |  | 11541  | 6                                      | 2                                      | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| City-road HHL - N.R.  |  | 18628  | 22                                     | 4                                      | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| Whitecross-street - N.R.  |  | 9217   | 3                                      | 8                                      | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1   | -   | -              |                                   |                                |
| Finsbury - N.R.   |  | 7463   | 5                                      | 3                                      | 1                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | 1         | -   | -   | -              |                                   |                                |
| Holborn Union Workhouse, Mitcham, w.  |  | -  | -                                      | 1                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | 1   | -              |                                   |                                |
| St. Botolph H - N.R. & E.L.   |  | 11174  | 5                                      | 1                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | 1              |                                   |                                |
| Cripplegate - N.R.  |  | 7193   | 3                                      | 1                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| St. Sepulchre H - N.R.  |  | 5338   | 2                                      | 12                                     | -                               | 3                                   | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -   | 12  | -              |                                   |                                |
| St. Bride W - N.R.  |  | 8396   | 5                                      | 3                                      | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| Allhallows Barking - N.R.   |  | 13666  | 1                                      | 1                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |
| Broad Street H - N.R.   |  | 6652   | -                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -   | -   | -              |                                   |                                |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London and K. the Kent Company.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT day, the 2nd June, 1888.

[illegible]

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

|                            |                                       |
|----------------------------|---------------------------------------|
| Telephone Infirmary in     | Kensington Town sub-district.         |
| General London Sick Asylum | in Tottenham Court-road sub-district. |
| Urban Infirmary            | in Upper Holloway sub-district.       |
| London City Workhouse      | " Hackney sub-district.               |
| "                          | " Hoxton New Town sub-district.       |
| "                          | " Mile End Old Town Eastern sub-dist. |
| "                          | " Mile End Old Town Eastern sub-dist. |
| "                          | " Mile End Old Town Eastern sub-dist. |
| "                          | " and Bromley sub-district.           |
| Private Lunatic Asylums    | in which paupers are received.        |

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hamstead, Hack-  
ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,  
Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 2nd June, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |                     |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|---------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |                     |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes. |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 769     | 284     | 63  | 83                                  | -           | 1        | 4              | 9           | 7               | -      | 4          | 8         | 17             | 30                                |                     |
| 30:1  | Carshalton wL -                | 12238  | 21118   | 10      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 4       | 8       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 37:1  | Godstone (part of)* -          | 2754   | 1235  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 38:1  | Croydon WwHHL -                | 20851  | 101241  | 69      | 28      | 5   | 13                                  | -           | -        | -              | -           | -               | -      | -          | 1         | 2              | 7                                 |                     |
| 2   | Mitcham w† -                   | 11697  | 17982   | 6       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 39:1  | Wimbledon HHH -                | 3220   | 15950   | 20      | 7       | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |                     |
| 2   | Kingston WHH -                 | 8549   | 36354   | 22      | 12      | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 3   | Esher (part of)* -             | 6601   | 9221  | 6       | 4       | 2   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |                     |
| 4   | Hampton H -                    | 4573   | 13539   | 6       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |                     |
| 40:1  | Richmond WH -                  | 2272   | 21302   | 12      | 4       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |                     |
| 2   | Mortlake -                     | 2941   | 12331   | 9       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 41:1  | Bromley (pt. of)* HH           | 15669  | 81142   | 27      | 7       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15844   | 22      | 5       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |                     |
| 42:1  | Bexley H -                     | 18437  | 24134   | 5       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                     |
| 124:1   | Sunbury w -                    | 11055  | 11685   | 4       | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                     |
| 2   | Staines W -                    | 13277  | 12089   | 10      | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |                     |
| 125:1   | Hillingdon WHH -               | 6029   | 10802   | 4       | 5       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 2                                 |                     |
| 2   | Uxbridge -                     | 6173   | 5225  | 4       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 3   | Hayes wHL -                    | 14587  | 11523   | 13      | 4       | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |                     |
| 126:1   | Isleworth WHH -                | 7006   | 22737   | 20      | 5       | 1   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |                     |
| 2   | Twickenham H -                 | 2477   | 12479   | 13      | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                     |
| 3   | Brentford HL -                 | 4345   | 27649   | 12      | 5       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                     |
| 4   | Chiswick -                     | 1340   | 15975   | 17      | 6       | 1   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |                     |
| 5   | Acton wH -                     | 6083   | 22876   | 17      | 6       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | -                                 |                     |
| 127:1   | Harrow H -                     | 13809  | 12796   | 10      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 2   | Edgware H -                    | 6994   | 3749  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 3   | Willesden -                    | 4383   | 27453   | 25      | 16      | 2   | 6                                   | -           | 1        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                     |
| 4   | Hendon W -                     | 8382   | 10484   | 6       | 6       | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |                     |
| 128:1   | South Mimms -                  | 15599  | 6391  | -       | 5       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                     |
| 2   | Barnet -                       | 5433   | 10092   | 6       | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 2                                 |                     |
| 3   | Finchley HL -                  | 4698   | 17615   | 15      | 8       | 1   | 2                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -              | 3                                 |                     |
| 129:1   | Hornsey H -                    | 3039   | 37078   | 13      | 11      | 3   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | -                                 |                     |
| 2   | Tottenham H -                  | 4642   | 46456   | 50      | 17      | 6   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | 2              | -                                 |                     |
| 3   | Edmonton Ww† -                 | 7483   | 23463   | 17      | 6       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |                     |
| 4   | Enfield WH -                   | 12653  | 19104   | 8       | 5       | -   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 5   | Waltham Abbey -                | 11017  | 5368  | 3       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 6   | Cheshunt -                     | 3490   | 7735  | 10      | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |                     |
| 135:1   | Hatfield (part of)* -          | 3806   | 588   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 137:1   | Bushey -                       | 9331   | 6621  | 5       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                     |
| 136:1   | Stratford -                    | 882  | 38006   | 47      | 5       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 2   | West Ham wwwwH§ -              | 7351   | 101053  | 140     | 36      | 9   | 6                                   | -           | -        | 2              | 5           | 1               | -      | -          | 1         | 2              | -                                 |                     |
| 3   | Leyton WwL -                   | 4372   | 23430   | 30      | 16      | 2   | 6                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 8                                 |                     |
| 4   | Walthamstow H -                | 6520   | 28869   | 27      | 11      | 2   | 4                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | -              | -                                 |                     |
| 137:1   | Chigwell (part of)* H          | 11761  | 9689  | 5       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 139:1   | Romford (part of)* -           | 6730   | 3411  | 1       | 1       | -   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |                     |
| 2   | Ilford -                       | 8493   | 7645  | 4       | 2       | 1   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |                     |
| 3   | Barking Town -                 | 4127   | 9203  | 9       | 3       | -   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                                 |                     |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadnam and Kneebolt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

§ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 2nd June, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1 Year<br>of Age.     | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |  |  |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |            |           |     |  |                                   |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |                                   |  |  |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 15.2  | 1.5                                   | 1607                             | 351                                       | 331  | -           | 25       | 23                | 35          | 44                  | 9      | 23         | 81        | 356 |  |                                   |  |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 16.1  | 1.6                                   | 1323                             | 288                                       | 298  | -           | 24       | 19                | 26          | 37                  | 9      | 19         | 73        | 326 |  |                                   |  |  |
| OUTER RING -              | 370,924  | 1,244,965                                      | 11.9  | 1.0                                   | 284                              | 63  | 83   | -           | 1        | 4                 | 9           | 7                   | -      | 4          | 8         | 30  |  |                                   |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,269,302 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending |    | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                             |
|----------------------------------|---------------------------------------|-----------------------------|----|---------------------------------|---------|------------------------------------|--|
| CALCUTTA - -                     | 433,219                               | April                       | 28 | -                               | 240     | 28.9                               | Fevers 43; cholera 69.                                     |
| BOMBAY - -                       | 773,196                               | May                         | 8  | 310                             | 456     | 26.9                               | Fvs. 120; chol. 5; sm.-p. 30.                              |
| MADRAS - -                       | 398,777                               | April                       | 20 | 283                             | 265     | 34.7                               | Fevers 61; chol. 10; d. dis. 49.                           |
|                                  |                                       | "                           | 27 | 283                             | 301     | 30.4                               | diarrhoeal diseases 48.                                    |
| PARIS - - -                      | 2,260,945                             | May                         | 26 | 1039                            | 930     | 21.6                               | Diph. & crp. 38; typh. fev. 11; sm. pox 6; meas. 17.       |
| BRUSSELS - - (with 8 Faubourgs.) | 454,410                               | "                           | 26 | 249                             | 193     | 21.7                               | Typhus & typhd. fev. 2; measles 3.                         |
| AMSTERDAM -                      | 390,016                               | "                           | 26 | 260                             | 142     | 18.9                               | Diphtheria 2; croup 2; whooping-cough 9.                   |
| ROTTERDAM -                      | 193,658                               | "                           | 26 | 115                             | 80      | 21.4                               | Whooping-cough 2.  |
| THE HAGUE -                      | 149,477                               | "                           | 26 | 88                              | 46      | 16.0                               | -  |
| COPENHAGEN -                     | 300,000                               | "                           | 15 | 183                             | 136     | 23.7                               | Diphtheria 9; whooping-cough 2.                            |
| STOCKHOLM -                      | 216,807                               | "                           | 19 | 156                             | 93      | 21.8                               | Whooping-cough 5.  |
| CHRISTIANIA -                    | 134,000                               | "                           | 26 | 67                              | 81      | 31.1                               | Diphtheria and croup 6; scarlet fever 2.                   |
| ST. PETERSBURG                   | 928,016                               | "                           | 19 | -                               | 775     | 43.6                               | Typ. & tpd. fev. 30; meas. 54; sc. fev. 19; diar. dis. 82. |
| BERLIN - - -                     | 1,413,603                             | "                           | 12 | 845                             | 544     | 20.0                               | Diph. and croup 19; typ. & tpd. fev. 5; meas. 6.           |
| HAMBURG (State)                  | 529,091                               | "                           | 19 | 393                             | 336     | 33.1                               | Diphtheria and croup 6; typ. & tpd. fev. 4; ms. 19.        |
| DRESDEN - -                      | 259,142                               | "                           | 12 | 169                             | 112     | 22.5                               | Diarrhoeal diseases 10.                                    |
| BRESLAU - -                      | 308,105                               | "                           | 19 | 201                             | 177     | 30.1                               | Diphtheria 8; typhus & typhoid fever 2.                    |
| MUNICH - - -                     | 275,000                               | "                           | 19 | 203                             | 183     | 34.6                               | Diphtheria and croup 3. diar. dis. 26.                     |
| VIENNA - - -                     | 800,836                               | "                           | 19 | 503                             | 457     | 29.7                               | Diph. 7; scar. fever 4; measles 13.                        |
| PRAGUE - - -                     | 295,857                               | "                           | 19 | -                               | 241     | 42.5                               | Small-pox 14; meas. 21; diph. 6; scar. fev. 2.             |
| BUDA-PESTH -                     | 442,787                               | "                           | 19 | 319                             | 302     | 35.5                               | Typhus and typhd. fev. 2; scar. fev. 2; meas. 2.           |
| TRIESTE - - -                    | 156,042                               | "                           | 19 | -                               | 85      | 28.3                               | -  |
| ROME - - -                       | 382,973                               | April                       | 21 | 201                             | 181     | 24.7                               | Small-pox 3; scar. fev. 2; malarial fever 6.               |
| TURIN (10 days)                  | 294,826                               | "                           | 30 | 244                             | 227     | 28.1                               | Diphtheria 8; typhoid fever 2.                             |
| VENICE - - -                     | 150,502                               | May                         | 19 | 75                              | 66      | 22.9                               | Diarrhoeal diseases 10.                                    |
| CAIRO - - -                      | 374,838                               | "                           | 10 | 330                             | 318     | 44.3                               | Typhd. fev. 13; diar. dis. 108; whooping-cough 6.          |
| ALEXANDRIA -                     | 231,396                               | "                           | 10 | 174                             | 177     | 39.9                               | Diarrhoeal diseases 41.                                    |
| NEW YORK - -                     | 1,493,000                             | "                           | 12 | -                               | 856     | 29.9                               | Diph. 46; scar. fev. 44; sm.-pox 5; measles 16.            |
| BROOKLYN - -                     | 774,870                               | "                           | 12 | -                               | 306     | 20.6                               | Diphtheria 20; croup 7; scarlet fever 16.                  |
| PHILADELPHIA -                   | 1,016,758                             | "                           | 12 | -                               | 399     | 20.5                               | Diph. 4; typhd. fev. 29; small-pox 4.                      |
| BALTIMORE - -                    | 437,155                               | "                           | 12 | -                               | 144     | 17.2                               | Measles 8.   |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 2ND JUNE, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.               |    | TEMPERATURE.        |                     |             |           |              |                   |  |                   |   |        | TEMPERATURE.                      |             |               |            |                           |                    |                 |            |                              |   | Wind as deduced from Anemometers. |   |             |          |  |  | Rain collected in a Glass whose surface is 6 inches square and the average on each Ground. |  |
|---------------------|----|---------------------|---------------------|-------------|-----------|--------------|-------------------|--|-------------------|---|--------|-----------------------------------|-------------|---------------|------------|---------------------------|--------------------|-----------------|------------|------------------------------|---|-----------------------------------|---|-------------|----------|--|--|--|--|
| Phases of the Moon. |    | BARO-METER.         |                     | Of the Air. |           |              |                   | Of the Dew Point.                      |                   | Difference between the Air Temperature and Dew Point Temperature. |        | Degree of Saturation (Scale 100). |             | Of Radiation. |            | Of the Water at Deptford. |                    | Oster's.        |            | Pressure on the Square Foot. |   | Robinson's.                       |   |             |          |  |  |  |  |
| Month and Day.      |    | Mean daily reading. | Mean daily reading. | High. est.  | Low. est. | Daily Range. | Mean daily value. | De- parture daily Average of 30 years. | Mean daily value. | Great- est.   | Least. | Mean daily value.                 | Great- est. | Least.        | High- est. | Low- est.                 | General Direction. | Great- est.     | Least.     | Mean daily value.            | Horizontal Movement of the Air on each Day. | Direction of the Air on each Day. | Vertical Movement of the Air on each Day. |             |          |  |  |  |  |
| MAX.                |    |                     |                     |             |           |              |                   |  |                   |   |        |                                   |             |               |            |                           |                    |                 |            |                              |   |                                   |   |             |          |  |  |  |  |
| SUN.                | 27 | in.                 | 29.664              | 67.3        | 35.0      | 32.3         | 50.6              | - 5.7                                  | 42.0              | 8.6   | 30.5   | 0.0                               | 72          | 139.0         | 28.8       | 57.8                      | 57.3               | SW. WSW. & SSW. | S.         | lbs. 1.5                     | 0.0   | 0.1                               | 137                                       | Miles. -110 | in. 0.00 |  |  |  |  |
| MON.                | 28 | greatest Dec. S.    | 29.614              | 64.6        | 38.4      | 26.2         | 51.8              | - 4.7                                  | 45.3              | 6.5   | 14.8   | 0.0                               | 79          | 126.4         | 20.7       | 57.6                      | 57.1               | S. & NNE.       | NNE.       | 4.5                          | 0.0   | 0.5                               | 224                                       | - 22        | 0.00     |  |  |  |  |
| TUES.               | 29 | ..                  | 29.778              | 61.0        | 45.8      | 15.2         | 51.7              | - 5.1                                  | 44.8              | 6.9   | 14.2   | 2.0                               | 77          | 137.2         | 41.9       | 57.9                      | 57.4               | NE. & E.        | E. & SE.   | 3.2                          | 0.0   | 0.5                               | 233                                       | - 13        | 0.00     |  |  |  |  |
| WED.                | 30 | ..                  | 29.580              | 67.3        | 48.8      | 18.5         | 57.3              | + 0.3                                  | 47.7              | 9.6   | 16.7   | 1.0                               | 70          | 124.6         | ..         | 53.0                      | 57.2               | SW. & WSW.      | SW. & WSW. | 9.7                          | 0.0   | 2.5                               | 448                                       | +203        | 0.16     |  |  |  |  |
| THURS.              | 31 | ..                  | 29.800              | 69.0        | 45.6      | 23.4         | 55.9              | - 1.4                                  | 41.9              | 14.0  | 25.4   | 2.1                               | 60          | 142.0         | 39.4       | 53.2                      | 57.4               | SW. & WSW.      | WSW.       | 8.4                          | 0.0   | 2.6                               | 488                                       | +243        | 0.00     |  |  |  |  |
| FRI.                | 1  | Last Qr.            | 30.054              | 71.7        | 46.1      | 25.6         | 57.9              | + 0.4                                  | 44.7              | 13.2  | 25.0   | 2.0                               | 62          | 135.4         | 40.7       | 57.6                      | 57.0               | WSW. & W.       | WNW & SW.  | 1.6                          | 0.0   | 0.2                               | 199                                       | - 45        | 0.00     |  |  |  |  |
| SAT.                | 2  | ..                  | 29.942              | 83.0        | 50.6      | 32.4         | 65.1              | + 7.4                                  | 50.9              | 14.2  | 28.7   | 3.4                               | 60          | 150.7         | 42.5       | 53.4                      | 57.2               | SW. & SSE.      | S. & ESE.  | 2.0                          | 0.0   | 0.2                               | 132                                       | -112        | 0.00     |  |  |  |  |
| MEANS               | .. | ..                  | 29.777              | 69.1        | 44.3      | 24.8         | 55.8              | - 1.3                                  | 45.3              | 10.4  | 20.8   | 1.5                               | 69          | 136.5         | 36.8       | 57.9                      | 57.2               | Variable.       | Variable.  | ..                           | ..  | ..                                | Sum 1861                                  | Sum 0.16    | Sum 25   |  |  |  |  |
| No. of Col.         | 3  | 4                   | 5                   | 6           | 7         | 8            | 9                 | 10                                     | 11                | 12  | 13     | 14                                | 15          | 16            | 17         | 18                        | 19                 | 20              | 21         | 22                           | 23  | 24                                | 25  | 26          | 27       |  |  |  |  |

The height of the eastern of the barometer is 159 feet above the mean level of the sea; and a correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 3 A.M., noon, 3 P.M., and 9 P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and of the same when years ending 1889 have been corrected by the readings of the mean reading of the dry bulb thermometer. The mean daily value of the maximum and minimum of the air (column 8). The mean daily dew point temperature and decrease of humidity of the air (column 9). The mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metric Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 15 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "*higher*," and - "*lower*," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Office Market at Doptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.57 in. at the beginning of the week to 29.57 in. on the 9th. A.M. on the 23th of May; increased to 29.87 in. by noon on the 24th; decreased to 29.91 in.

## GENERAL REMARKS.

| DATE.            | MAX. | ELECTRICITY.<br>(For explanation of<br>symbols, see Note.)              | Registered Sunbore<br>in hours. | GENERAL REMARKS. |   |
|------------------|------|---|---------------------------------|------------------|---|
| SUNDAY .         | 27   | w. P. throughout .  | 8.7                             | 16.1             | Fine. Partially cloudy till evening; cloudless at night.  |
| MONDAY .         | 21   | v. P. throughout .  | 1.6                             | 16.1             | Light clouds revealed in morning; overcast during the remainder of day.                                   |
| TUESDAY .        | 29   | w. P. generally .   | 3.9                             | 16.1             | Generally overcast in morning; fine and partially cloudy till evening; overcast at night.                 |
| WEDNESDAY        | 30   | w. N. and w. P. in morning; v. P. afterwards.                           | 7.6                             | 16.2             | Rain in morning; fine and partially cloudy till evening; generally clear at night.                        |
| THURSDAY .       | 31   | w. P. till 10h. A.M.; w. N. and v. P. till 9h. P.M.; th. P. afterwards. | 11.2                            | 16.2             | Partially cloudy till evening; cloudless at night. A very fine day.                                       |
| JUNE<br>FRIDAY . | 1    | v. P. generally .   | 2.3                             | 16.2             | Generally cloudy till evening; nearly cloudless at night. Fine.   |
| SATURDAY .       | 2    | m. P. throughout .  | 8.5                             | 16.3             | Cloudy in morning; partially cloudy till evening; generally cloudless at night. A very fine and warm day. |
|                  |      |   | Sum<br>43.8                     | Sum<br>115.2     |   |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 23, 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JUNE 9. [Price 1½d.

General Register Office, Somerset House,  
11th June, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·2 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |            |            |            | TOWNS.             | Weeks ending |            |            |            |
|--------------|--------------|------------|------------|------------|--------------------|--------------|------------|------------|------------|
|              | May<br>19.   | May<br>26. | June<br>2. | June<br>9. |                    | May<br>19.   | May<br>26. | June<br>2. | June<br>9. |
| Birkenhead   | 20·9         | 10·9       | 14·6       | 12·5       | Liverpool -        | 18·9         | 16·6       | 19·2       | 14·8       |
| Birmingham   | 18·9         | 17·1       | 17·9       | 19·5       | London -           | 17·9         | 16·6       | 16·1       | 14·9       |
| Blackburn -  | 25·4         | 19·7       | 22·4       | 22·4       | Manchester -       | 22·4         | 24·8       | 25·7       | 25·0       |
| Bolton -     | 17·0         | 21·6       | 15·2       | 22·1       | Newcastle-on-Tyne* | 20·3         | 18·1       | 20·3       | 12·8       |
| Bradford*    | 19·1         | 19·1       | 14·3       | 14·3       | Norwich -          | 24·5         | 22·8       | 19·5       | 22·3       |
| Brighton -   | 19·6         | 22·2       | 14·3       | 15·7       | Nottingham*        | 14·2         | 13·3       | 18·3       | 12·9       |
| Bristol -    | 17·0         | 17·3       | 15·2       | 18·2       | Oldham -           | 23·0         | 22·7       | 19·6       | 17·4       |
| Cardiff*     | 21·6         | 19·2       | 16·8       | 14·9       | Plymouth -         | 20·8         | 22·2       | 18·1       | 15·4       |
| Derby -      | 19·5         | 15·7       | 13·0       | 13·6       | Portsmouth -       | 17·9         | 11·6       | 18·7       | 15·0       |
| Halifax -    | 16·3         | 20·8       | 18·9       | 18·9       | Preston -          | 22·2         | 27·8       | 23·7       | 17·7       |
| Huddersfield | 20·5         | 17·1       | 18·8       | 22·3       | Salford* -         | 23·5         | 22·8       | 17·1       | 19·1       |
| Hull -       | 21·7         | 17·0       | 19·1       | 14·7       | Sheffield -        | 19·8         | 17·2       | 21·4       | 18·0       |
| Leeds -      | 18·6         | 21·2       | 20·1       | 15·5       | Sunderland -       | 17·4         | 18·6       | 15·8       | 18·2       |
| Leicester*   | 15·3         | 16·4       | 16·0       | 16·4       | Wolverhampton -    | 22·3         | 17·2       | 24·9       | 16·6       |

The highest annual death-rates, measured by last week's mortality, were: from *scarlet fever*, 1·0 in Cardiff; and from *whooping-cough*, 1·3 in Wolverhampton, 1·4 in Bolton and in Manchester, and 1·7 in Huddersfield. The death-rates from *measles* and "*fever*" did not reach 1·0 per 1000 in any of the twenty-eight towns. The 31 deaths from *diphtheria* in these towns included 22 in London, 2 in Liverpool, and 2 in Birmingham. *Small-pox* caused 6 deaths in Sheffield, 4 in Preston, and one in Bristol, but not one in any of the twenty-four other large provincial towns, or in London.

## LONDON.

In LONDON† 2430 BIRTHS and 1219 DEATHS were registered. Allowing for increase of population, the births were 250, and the deaths 276, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined from 17·9 to 16·1 in the preceding three

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



weeks, further fell last week to 14·9, and was lower than in any week since September last. During the first ten weeks of the current quarter the death-rate averaged 17·6 per 1,000, and was 2·8 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1219 deaths included 25 from measles, 23 from scarlet fever, 22 from diphtheria, 33 from whooping-cough, 8 from enteric fever, one from an ill-defined form of continued fever, 18 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 130 deaths were referred to these diseases, being 109 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 22. There were no small-pox patients under treatment in the Metropolitan Asylum Hospitals at the end of last week (the numbers on the preceding six Saturdays having declined from 21 to 3), or in the Highgate Small-pox Hospital. The deaths from *measles*, which had risen from 18 to 24 in the previous three weeks, were 25 last week, but were 47 below the corrected average; 6 belonged to Hackney sanitary area. The fatal cases of *scarlet fever*, which had risen from 13 to 19 in the preceding three weeks, further increased to 23 last week, but were 6 below the corrected average; 2 belonged to Pancras, 2 to Hackney, 2 to Stepney, 5 to Poplar, and 2 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum Hospitals and the London Fever Hospital contained 928 scarlet fever patients, against 958 and 947 in the preceding two weeks; 102 cases were admitted to these hospitals during the week, against 72 and 96 in the previous two weeks. The deaths from *diphtheria*, which had numbered 19 and 26 in the previous two weeks, fell to 22 last week, but were 6 above the corrected average; 2 (both in one house in Haverstock Road) belonged to Pancras, 2 to Hackney, and 2 to St. George-in-the-East sanitary areas. The fatal cases of *whooping-cough*, which had been 64 and 37 in the preceding two weeks, further fell last week to 33, and were 32 below the corrected average; 2 belonged to Paddington, 2 to Kensington, 3 to Chelsea, 2 to Stepney, 2 to St. George Southwark, and 2 to Battersea sanitary areas. The deaths from *diarrhoea* and *dysentery*, which had been 9 and 19 in the preceding two weeks, were 18 last week, and were 3 below the corrected average; 12 were of infants under one year of age.

The deaths referred to *enteric fever*, which had fallen from 12 to 9 in the previous three weeks, were 8 last week, and were 3 below the corrected average. The Metropolitan Asylum Hospitals contained 89 cases of enteric fever, but not one of typhus, on Saturday last; 6 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 228 and 237 in the preceding two weeks, fell last week to 185, and were 77 below the corrected average.

Different forms of violence caused 51 deaths; 41 were the result of negligence or accident, among which were 16 from fractures and contusions, 4 from burns and scalds, 8 from drowning, and 11 of infants under one year of age from suffocation. The 16 deaths from fractures and contusions were thus returned:— 3 by accidents from vehicles in the streets; 1 by accident on railway; 9 by fall down stairs, from height, and otherwise; 2 by blow; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 16 cases. Eight cases of suicide were registered, being one below the corrected average.

#### GREATER LONDON.

In Greater London 3224 births and 1534 deaths were registered, corresponding to annual rates of 30·4 and 14·5 per 1000 of the population. In the Outer Ring 7 deaths from whooping-cough, and 5 from diphtheria, were registered. The latter disease caused 2 deaths in West Ham sub-district, and scarlet fever 2 in Kingston sub-district. A death from hydrophobia was recorded in Acton sub-district.

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Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during May will be found on pages 233-234.

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## METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·69 in.; the highest reading was 29·96 in. on Tuesday morning, and the lowest 29·40 in. on Saturday morning. The mean temperature of the *air* was 58°·9, and 0°·7 above the average in the corresponding weeks of the 20 years ending 1863. The mean showed an excess on Sunday and Monday, but was below the average on the following two days, approximating to the average on the other days of the week. The general direction of the *wind* was variable, and the horizontal movement of the air averaged 10·2 miles per hour, which was 0·2 of a mile below the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·17 of an inch. The duration of registered bright sunshine in the week was 21·2 hours, against 13·4 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of MAY 1888; according to their returns 168,736,939 gallons or 766,649 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 229 gallons (104·0 decalitres), rather more than a *ton* by weight, to each house, and 29·3 gallons (13·3 decalitres) to each person, against 28·4 gallons during May 1887.

| COMPANIES.                          | Number of Houses, &c.<br>supplied in |               | Average daily Supply of Water<br>in Gallons. |               |
|-------------------------------------|--------------------------------------|---------------|--|---------------|
|                                     | MAY.<br>1887.                        | MAY.<br>1888. | MAY.<br>1887.                                | MAY.<br>1888. |
| TOTAL SUPPLY . . . . .              | 724,687                              | 737,865       | 160,636,183                                  | 168,736,939   |
| From Thames . . . . .               | 349,502                              | 355,470       | 82,453,613                                   | 85,537,696    |
| From Lea and from other Sources . . | 375,185                              | 382,395       | 78,182,570                                   | 83,199,303    |
| THAMES.                             |                                      |               |  |               |
| Chelsea . . . . .                   | 34,370                               | 34,515        | 9,724,857                                    | 9,995,614     |
| West Middlesex . . . . .            | 68,962                               | 70,234        | 15,033,600                                   | 15,095,910    |
| Southwark and Vauxhall . . . . .    | 107,798                              | 109,411       | 21,876,418                                   | 22,239,741    |
| Grand Junction . . . . .            | 52,230                               | 54,146        | 17,277,838                                   | 17,566,871    |
| Lambeth . . . . .                   | 85,142                               | 87,164        | 17,540,900                                   | 18,039,500    |
| LEA AND OTHER SOURCES.              |                                      |               |  |               |
| New River . . . . .                 | 148,555                              | 150,241       | 29,008,000                                   | 30,919,000    |
| East London . . . . .               | 157,981                              | 161,571       | 37,626,047                                   | 39,562,147    |
| Kent . . . . .                      | 68,649                               | 70,583        | 11,548,523                                   | 12,718,156    |

*Note.*—The Return for May 1888, compared with that for the corresponding month of 1887, shows an increase of 13,178 houses, and of 8,100,756 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING MAY.

Grove House, Pembroke Square, W.  
8th June, 1888.

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of May.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·3, New River 0·6, Tottenham 0·8, Colne Valley 1·5, Grand Junction 1·7, Lambeth 1·7, East London 1·8, West Middlesex 2·3, Chelsea 2·5, Southwark 2·6.

The reduction in the proportion of organic matter present in the Thames water supplied by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies, which was observed in April, was further continued during the past month, the absolute amount being in every case small for river water. All the samples were clear and bright.

The water principally derived from the Lea, and distributed by the New River and East London Companies also exhibited a corresponding diminution in the organic matter, the New River Company's water ranking in this respect with the deep well waters. Both samples were clear and bright.

The deep-well water of the Kent and Colne Valley Companies contained as usual only a very small proportion of organic matter, and the Colne Valley Company, by softening their supply with lime, thereby rendered it also of excellent quality for washing and all domestic purposes.

The water of the Tottenham Local Board of Health, although containing but a trace of organic matter, was slightly turbid and the suspended matter, on microscopical examination, was seen to contain moving organisms.



Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and New River, clear and colourless; East London, clear and nearly colourless; Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth, clear and very pale yellow; Tottenham, slightly turbid and colourless.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town "contained less organic matter but more nitrate than in the previous month."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES. |                  | Date<br>and Place of Collection.                               | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|------------------------------------|------------------|--|---------------------------------------|---------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                      | THAMES.          |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Chelsea . . .    | { May 23rd,<br>Cab Rank, Horseguards,<br>Whitehall. }          | 14°3                                  | 25·66                     | ·126            | ·023              | 0        | ·194                                     | ·217                        | 1·9       | 17·7            |
|                                    | West Middlesex . | { May 23rd,<br>Cab Rank, Portland-road. }                      | 15°3                                  | 25·50                     | ·115            | ·018              | 0        | ·188                                     | ·206                        | 1·8       | 18·0            |
|                                    | Southwark . . .  | { May 23rd,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. } | 15°0                                  | 25·16                     | ·130            | ·026              | 0        | ·181                                     | ·207                        | 1·8       | 18·0            |
|                                    | Grand Junction . | { May 23rd,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. } | 14°5                                  | 24·64                     | ·085            | ·014              | 0        | ·177                                     | ·191                        | 1·8       | 18·0            |
|                                    | Lambeth . . .    | { May 23rd,<br>Cab Rank, St. George's-<br>road, Southwark. }   | 15°0                                  | 26·90                     | ·085            | ·017              | 0        | ·217                                     | ·234                        | 1·8       | 18·6            |
|                                    | LEA.             |  |                                       |                           |                 |                   |          |  |                             |           |                 |
| Outer Circle.                      | New River . . .  | { May 23rd,<br>Cab Rank, Tottenham<br>Court-road. }            | 14°5                                  | 26·30                     | ·026            | ·008              | 0        | ·212                                     | ·220                        | 2·0       | 19·1            |
|                                    | East London . .  | { May 23rd,<br>Fire Brigade Station,<br>Commercial-road, E. }  | 13°5                                  | 29·60                     | ·086            | ·021              | 0        | ·281                                     | ·302                        | 2·2       | 20·3            |
|                                    | DEEP WELLS.      |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Kent . . . . .   | { May 23rd,<br>Mill Lane, Deptford. }                          | 12°5                                  | 42·90                     | ·012            | ·006              | 0        | ·449                                     | ·455                        | 2·6       | 29·4            |
|                                    | Colne Valley . . | { May 29th,<br>Bushey. }                                       | —                                     | 16·96                     | ·073            | ·013              | 0        | ·432                                     | ·445                        | 2·1       | 7·4             |
|                                    | Tottenham . . .  | { May 23rd,<br>Tottenham. }                                    | —                                     | 38·70                     | ·031            | ·014              | ·040     | ·075                                     | ·122                        | 2·7       | 20·6            |
| Corporation of Birming-<br>ham*    |                  | { May 2nd,<br>75, Navigation-street. }                         | 10°5                                  | 26·26                     | ·090            | ·017              | 001      | ·462                                     | ·480                        | 1·9       | 13·5            |
| Corporation of Glasgow†            |                  | { May 15th,<br>Loch Katrine Water. }                           | 7°9                                   | 2·50                      | ·173            | ·041              | ·000     | ·004                                     | ·045                        | ·7        | 1·0             |
| Column 1.                          |                  |  | 3.                                    | 4.                        | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the waters. The Table is to be read thus:—the Chelsea Company's water, collected on the 23rd May at the Horseguards cab-rank, had a temperature of 14°·3 C.; 100,000 lbs. of it contained 25·66 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·126 lb. of carbon and ·023 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·194 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·217 lb. The above weight of water also contained 1·9 lbs. of chlorine; and 17·7 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

| CITIES AND BOROUGHES. | POPULATION estimated to the middle of 1888. | Registered during the Week ending June 8th, 1888. |      |     | The DEATHS registered in the Week include |                                  |            |             |                |             |                 |             |            |                |                                |                               | TEMPERATURE OF THE AIR.   |      |          |         |             |            | RAINFALL.        |      | CITIES AND BOROUGHES. |           |
|-----------------------|---|---|------|-----|---|----------------------------------|------------|-------------|----------------|-------------|-----------------|-------------|------------|----------------|--------------------------------|-------------------------------|---|------|----------|---------|-------------|------------|------------------|------|-----------------------|-----------|
|                       |   | 1.  | 2.   | 3.  | Deaths of                                 |                                  |            | Deaths from |                |             |                 |             |            | Inquest Cases. | Deaths in Public Institutions. | Unidentified Causes of Death. | Annual Rate per 1000, corresponding to the Week & Deaths in Cols. 6-12. |      |          | Mean.   | Centigrade. | In Inches. | In Centi-metres. |      |                       |           |
|                       |   |   |      |     | Infants under 1 Year of Age.              | Persons aged 1 Year and upwards. | Small-pox. | Measles.    | Scarlet Fever. | Diphtheria. | Whooping-cough. | Erysipelas. | Diarrhoea. |                |                                |                               | Violence.   |      |          |         |             |            |                  |      |                       |           |
|                       |   |   |      |     |   |                                  |            |             |                |             |                 |             |            |                |                                |                               |   |      |          |         |             |            |                  |      |                       |           |
| Cols.                 |   |   |      | 4.  | 5.  | 6.                               | 7.         | 8.          | 9.             | 10.         | 11.             | 12.         | 13.        | 14.            | 15.                            | 16.                           | 17.   | 18.  | Highest. | Lowest. | Fahrenheit. | 21.        | 22.              | 23.  | 24.                   | Cols.     |
| 28 TOWNS*             | 9,398,273                                   | 5506  | 2915 | 648 | 682                                       | 11                               | 40         | 36          | 31             | 81          | 24              | 42          | 127        | 205            | 511                            | 59                            | 16.2  | 1.5  | 87.6     | 37.0    | 53.3        | 11.83      | 0.70             | 1.78 | -                     | 28 TOWNS. |
| LONDON*               | 4,282,921                                   | 2480  | 1219 | 264 | 288                                       | -                                | 25         | 23          | 22             | 33          | 9               | 18          | 51         | 90             | 275                            | 11                            | 14.9  | 1.6  | 87.6     | 46.5    | 58.9        | 14.94      | 0.17             | 0.43 | LONDON.               |           |
| BRIGHTON              | 119,983                                     | 58  | 36   | 7   | 15  | -                                | -          | -           | -              | 2           | -               | -           | 1          | 1              | 1                              | 1                             | 15.7  | 0.9  | 65.8     | 48.1    | 54.6        | 12.56      | 0.58             | 1.47 | BRIGHTON.             |           |
| PORTSMOUTH            | 189,575                                     | 87  | 40   | 8   | 8   | -                                | -          | -           | -              | -           | -               | -           | 1          | 4              | 5                              | 6                             | 15.0  | 0.0  | -        | -       | -           | -          | -                | -    | PORTSMOUTH.           |           |
| NORWICH               | 93,675                                      | 70  | 40   | 10  | 15  | -                                | -          | -           | -              | -           | -               | -           | 2          | 4              | 5                              | 6                             | 22.3  | 0.0  | -        | -       | -           | -          | -                | -    | NORWICH.              |           |
| PLYMOUTH              | 77,674                                      | 34  | 23*  | 2   | 6   | -                                | -          | -           | -              | -           | -               | -           | 4          | 2              | 3                              | -                             | 15.4  | 0.7  | 76.8     | 49.1    | 57.5        | 14.17      | 1.25             | 3.17 | PLYMOUTH.             |           |
| BRISTOL               | 226,510                                     | 136   | 79   | 20  | 1   | 1                                | 1          | 1           | 1              | 1           | 1               | 1           | 7          | 8              | 15                             | 2                             | 18.2  | 1.4  | 68.0     | 46.0    | 54.8        | 12.67      | 0.74             | 1.88 | BRISTOL.              |           |
| WOLVERHAMPTON         | 81,691                                      | 55  | 26   | 10  | 5   | -                                | -          | -           | -              | 1           | 2               | -           | -          | -              | 5                              | 1                             | 16.6  | 1.9  | 70.8     | 42.1    | 58.3        | 11.83      | 0.97             | 2.46 | WOLVERHAMPTON.        |           |
| BIRMINGHAM            | 447,912                                     | 234   | 167  | 45  | 43  | -                                | 2          | -           | 2              | 5           | 4               | 4           | 8          | 16             | 28                             | 4                             | 19.5  | 2.0  | -        | -       | -           | -          | -                | -    | BIRMINGHAM.           |           |
| LEICESTER*            | 146,790                                     | 88  | 46   | 9   | 10  | -                                | 1          | -           | -              | -           | 1               | -           | 3          | 6              | 2                              | -                             | 16.4  | 0.7  | -        | -       | -           | -          | -                | -    | LEICESTER.            |           |
| NOTTINGHAM*           | 230,921                                     | 127   | 57   | 16  | 17  | -                                | 2          | -           | 1              | -           | -               | 3           | 1          | 1              | 12                             | 2                             | 12.9  | 1.4  | 71.4     | 42.2    | 53.6        | 12.00      | 0.31             | 0.79 | NOTTINGHAM.           |           |
| DERBY                 | 66,241                                      | 53  | 25   | 8   | 5   | -                                | -          | -           | -              | 1           | -               | -           | -          | 2              | 1                              | 1                             | 13.6  | 0.5  | -        | -       | -           | -          | -                | -    | DERBY.                |           |
| BIRKENHEAD            | 100,093                                     | 55  | 24   | 6   | 9   | -                                | -          | -           | -              | -           | -               | -           | 1          | 2              | 2                              | -                             | 12.5  | 0.0  | -        | -       | -           | -          | -                | -    | BIRKENHEAD.           |           |
| LIVERPOOL             | 53,738                                      | 320   | 170  | 39  | 30  | -                                | 1          | -           | 2              | 4           | 2               | 2           | 11         | 12             | 23                             | 16                            | 14.8  | 1.0  | 65.6     | 44.3    | 52.7        | 11.50      | 0.38             | 0.97 | LIVERPOOL.            |           |
| BOLTON                | 113,506                                     | 77  | 48   | 11  | 12  | -                                | -          | -           | -              | 3           | -               | 2           | 1          | 1              | 4                              | 1                             | 22.1  | 2.3  | -        | -       | -           | -          | -                | -    | BOLTON.               |           |
| MANCHESTER            | 378,164                                     | 274   | 181  | 39  | 31  | -                                | -          | 2           | 1              | 10          | -               | 3           | 3          | 8              | 28                             | 5                             | 25.0  | 2.2  | -        | -       | -           | -          | -                | -    | MANCHESTER.           |           |
| SALFORD*              | 226,336                                     | 125   | 83   | 16  | 14  | -                                | 2          | 4           | 1              | 3           | -               | -           | 1          | 2              | 6                              | 5                             | 19.1  | 2.3  | -        | -       | -           | -          | -                | -    | SALFORD.              |           |
| OLDHAM                | 138,220                                     | 88  | 46   | 9   | 12  | -                                | -          | -           | -              | -           | -               | -           | -          | 1              | 1                              | 1                             | 17.4  | 0.4  | -        | -       | -           | -          | -                | -    | OLDHAM.               |           |
| BLACKBURN             | 119,039                                     | 84  | 51   | 11  | 13  | -                                | -          | -           | -              | 2           | 1               | 1           | -          | 2              | 11                             | 1                             | 22.4  | 2.2  | -        | -       | -           | -          | -                | -    | BLACKBURN.            |           |
| PRESTON               | 103,284                                     | 89  | 35   | 8   | 12  | 4                                | -          | -           | -              | -           | 1               | 1           | 1          | 3              | 3                              | 1                             | 17.7  | 3.0  | -        | -       | -           | -          | -                | -    | PRESTON.              |           |
| HUDDESFIELD           | 91,419                                      | 51  | 39   | 12  | 6   | -                                | -          | -           | -              | 3           | -               | -           | 1          | 3              | 8                              | 1                             | 22.3  | 2.9  | -        | -       | -           | -          | -                | -    | HUDDESFIELD.          |           |
| HALIFAX               | 80,133                                      | 44  | 29   | 3   | 12  | -                                | -          | -           | -              | -           | -               | -           | -          | -              | 1                              | -                             | 18.9  | 0.0  | -        | -       | -           | -          | -                | -    | HALIFAX.              |           |
| BRADFORD*             | 229,721                                     | 136   | 63   | 13  | 15  | -                                | 4          | -           | -              | -           | -               | 1           | 2          | 4              | 11                             | 1                             | 14.3  | 1.1  | 65.0     | 40.0    | 52.1        | 11.17      | 1.07             | 2.72 | BRADFORD.             |           |
| LEEDS                 | 351,210                                     | 203   | 104  | 23  | 28  | -                                | -          | -           | -              | 3           | 3               | -           | 7          | 10             | 13                             | 1                             | 15.5  | 0.9  | -        | -       | -           | -          | -                | -    | LEEDS.                |           |
| SHEFFIELD             | 321,711                                     | 191   | 111  | 21  | 21  | 6                                | 1          | 2           | -              | -           | -               | 2           | 4          | 6              | 21                             | 1                             | 18.0  | 2.3  | -        | -       | -           | -          | -                | -    | SHEFFIELD.            |           |
| HULL                  | 202,359                                     | 114   | 57   | 18  | 15  | -                                | -          | -           | -              | 2           | -               | -           | 1          | 4              | 3                              | 10                            | 2   | 14.7 | 0.8      | 74.0    | 37.0        | 50.8       | 10.44            | 0.62 | 1.57                  | HULL.     |
| SUNDERLAND            | 181,919                                     | 90  | 46   | 9   | 8   | -                                | -          | -           | -              | -           | -               | -           | 3          | 5              | 1                              | 1                             | 18.2  | 0.0  | 64.0     | 43.0    | 50.7        | 10.39      | 0.54             | 1.37 | SUNDERLAND.           |           |
| NEWCASTLE*            | 159,003                                     | 116   | 39   | 8   | 8   | -                                | -          | -           | -              | -           | -               | -           | 3          | 4              | 6                              | 2                             | 12.8  | 1.3  | 61.0     | 41.0    | 47.2        | 8.44       | 1.08             | 2.74 | NEWCASTLE.            |           |
| CARDIFF               | 106,570                                     | 82  | 31   | 4   | 4   | -                                | 1          | 2           | -              | -           | 1               | 2           | 5          | 7              | 8                              | -                             | 14.9  | 2.9  | -        | -       | -           | -          | -                | -    | CARDIFF.              |           |
| EDINBURGH             | 262,733                                     | 136   | 89   | 16  | 24  | -                                | 1          | -           | 2              | 1           | -               | 3           | 2          | 2              | 15                             | 23                            | 17.7  | 1.4  | 67.3     | 39.5    | 49.6        | 9.78       | 0.91             | 2.31 | EDINBURGH.            |           |
| GLASGOW               | 526,068                                     | 362   | 211  | 43  | 31  | -                                | 5          | 3           | 2              | 14          | -               | 3           | 6          | 2              | 28                             | 22                            | 20.9  | 2.7  | 61.8     | 34.0    | 48.5        | 9.17       | 0.69             | 1.75 | GLASGOW.              |           |
| DUBLIN                | 368,082                                     | 172   | 147  | 26  | 36  | -                                | 1          | 3           | -              | 11          | 3               | 1           | 3          | 2              | 43                             | 16                            | 21.7  | 2.8  | 64.8     | 39.8    | 53.4        | 11.89      | 1.37             | 3.48 | DUBLIN.               |           |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-THIRD Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87,* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2441 | 2135 | 2736 | 2358 | 2476 | 2608 | 2098 | 2464 | 2476 | 2781 | 2679·6   | 2430 |
| Males . .           | 1287 | 1082 | 1406 | 1204 | 1217 | 1352 | 1101 | 1259 | 1247 | 1422 | 1379·1   | 1225 |
| Females .           | 1154 | 1053 | 1330 | 1154 | 1259 | 1256 | 997  | 1205 | 1189 | 1359 | 1300·5   | 1205 |
| <b>TOTAL Deaths</b> | 1481 | 1351 | 1294 | 1346 | 1369 | 1400 | 1458 | 1315 | 1277 | 1414 | 1494·5   | 1219 |
| Males . .           | 774  | 719  | 675  | 709  | 728  | 725  | 750  | 662  | 666  | 752  | 780·8  | 637  |
| Females .           | 707  | 632  | 619  | 637  | 641  | 675  | 708  | 653  | 611  | 662  | 713·7  | 582  |

\* The numbers in this column are the average weekly numbers in the twenty-third weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | Mar.<br>17. | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. | May<br>5. | May<br>12. | May<br>19. | May<br>26. | June<br>2. | June<br>9. |     |
|--|---|--------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-----------|------------|------------|------------|------------|------------|-----|
| <b>TOTAL Births</b>                      | - | -            | 2629        | 2522        | 2492        | 2588       | 2431        | 2579        | 2577        | 2650      | 2574       | 2364       | 2278       | 2491       | 2430       |     |
| <b>TOTAL Deaths</b>                      | - | -            | 1604        | 1655        | 1668        | 1593       | 1692        | 1551        | 1487        | 1429      | 1360       | 1469       | 1361       | 1323       | 1219       |     |
| 0—20                                     | - | -            | 698         | 715         | 717         | 716        | 800         | 681         | 628         | 643       | 615        | 637        | 608        | 581        | 527        |     |
| 20—40                                    | - | -            | 201         | 197         | 183         | 199        | 215         | 212         | 177         | 187       | 186        | 212        | 180        | 178        | 156        |     |
| 40—60                                    | - | -            | 275         | 285         | 340         | 270        | 278         | 265         | 277         | 243       | 233        | 272        | 256        | 266        | 248        |     |
| 60—80                                    | - | -            | 353         | 384         | 329         | 320        | 335         | 310         | 302         | 277       | 255        | 276        | 268        | 255        | 245        |     |
| at 80 years & upwds.                     | - | -            | 77          | 74          | 69          | 98         | 64          | 83          | 53          | 79        | 66         | 72         | 49         | 43         | 43         |     |
| Deaths of children                       | { | Under 1 year | -           | 332         | 361         | 363        | 346         | 395         | 367         | 329       | 324        | 319        | 296        | 322        | 288        | 264 |
| 1—5                                      |   | -            | 274         | 254         | 273         | 263        | 302         | 229         | 209         | 225       | 190        | 254        | 204        | 184        | 176        |     |
| 5—20                                     |   | -            | 92          | 100         | 103         | 107        | 103         | 85          | 90          | 94        | 105        | 87         | 82         | 109        | 87         |     |
| Deaths from Small-pox                    | - | -            | -           | -           | -           | -          | -           | -           | 1           | -         | -          | -          | -          | -          | -          |     |
| "    "    Measles                        | - | -            | 22          | 18          | 17          | 16         | 12          | 18          | 16          | 14        | 22         | 18         | 23         | 24         | 25         |     |
| "    "    Scarlet fever                  | - | -            | 25          | 24          | 40          | 20         | 17          | 21          | 15          | 23        | 19         | 13         | 17         | 19         | 23         |     |
| "    "    Diphtheria                     | - | -            | 22          | 17          | 15          | 16         | 19          | 10          | 22          | 15        | 15         | 29         | 19         | 26         | 22         |     |
| "    "    Whooping-cough                 | - | -            | 92          | 80          | 93          | 89         | 108         | 91          | 80          | 87        | 52         | 64         | 64         | 37         | 33         |     |
| "    "    Typhus                         | - | -            | 1           | 1           | 1           | -          | -           | -           | -           | 1         | -          | -          | -          | -          | -          |     |
| "    "    Enteric fever                  | - | -            | 10          | 10          | 13          | 20         | 9           | 13          | 7           | 11        | 9          | 12         | 10         | 9          | 8          |     |
| "    "    Simple Cont'd fever            | - | -            | 1           | -           | -           | 1          | -           | 1           | -           | -         | 1          | -          | 3          | -          | 1          |     |
| "    "    Diarrhoea and Dysentery        | - | -            | 10          | 6           | 16          | 17         | 19          | 23          | 17          | 19        | 14         | 15         | 9          | 19         | 18         |     |
| "    "    Cholera                        | - | -            | -           | -           | -           | 1          | -           | -           | -           | -         | 1          | -          | 2          | 1          | -          |     |
| Deaths from the above-mentioned Diseases | - | -            | 183         | 156         | 195         | 180        | 184         | 177         | 158         | 170       | 133        | 151        | 147        | 135        | 130        |     |
| "    "    Dis. of Respiratory System     | - | -            | 459         | 457         | 460         | 419        | 444         | 363         | 343         | 287       | 260        | 296        | 223        | 237        | 185        |     |
| "    "    Phthisis                       | - | -            | 140         | 144         | 155         | 152        | 150         | 137         | 146         | 135       | 134        | 176        | 151        | 157        | 135        |     |
| "    "    Dis. of Circulatory System     | - | -            | 137         | 133         | 130         | 128        | 134         | 129         | 87          | 122       | 119        | 105        | 119        | 109        | 101        |     |
| Violent Deaths                           | - | -            | 58          | 64          | 75          | 56         | 52          | 48          | 56          | 39        | 51         | 63         | 65         | 73         | 51         |     |
| Inquest Cases                            | - | -            | 116         | 120         | 129         | 129        | 121         | 109         | 110         | 101       | 106        | 113        | 108        | 111        | 90         |     |
| Deaths in Public Institutions            | - | -            | 355         | 365         | 376         | 347        | 347         | 352         | 352         | 332       | 305        | 370        | 345        | 326        | 275        |     |
| TEMPERATURE OF THE AIR                   |   |              |             |             |             |            |             |             |             |           |            |            |            |            |            |     |
| Mean                                     | - | -            | 37·2        | 34·7        | 40·0        | 37·1       | 42·2        | 48·5        | 48·7        | 49·0      | 52·3       | 55·9       | 54·0       | 55·8       | 58·9       |     |
| Mean of Highest readings                 | - | -            | 43·2        | 40·6        | 47·6        | 47·0       | 50·3        | 59·0        | 51·4        | 58·9      | 64·1       | 68·0       | 66·0       | 69·1       | 71·0       |     |
| Mean of Lowest readings                  | - | -            | 32·7        | 30·4        | 34·5        | 29·3       | 35·3        | 41·2        | 37·8        | 40·2      | 41·2       | 45·6       | 43·2       | 44·3       | 49·8       |     |
| Humidity of the Air                      | - | -            | 81          | 80          | 87          | 78         | 78          | 82          | 86          | 68        | 69         | 69         | 68         | 69         | 77         |     |
| Rain-fall in inches                      | - | -            | 0·95        | 0·66        | 0·87        | 0·08       | 0·11        | 0·65        | 0·67        | 0·16      | 0·00       | 0·32       | 0·00       | 0·16       | 0·17       |     |
| Registered Sunshine (in hours)           | - | -            | 10·8        | 11·3        | 11·2        | 29·0       | 21·5        | 35·7        | 3·0         | 43·2      | 51·0       | 39·4       | 62·3       | 43·8       | 21·2       |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Gleisher, Esq., F.R.S.; F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Carr, Linnæist, Esq., Bristol; E. Simpson, Esq., Wrexham; Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Barnard, Esq., F.R.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Sturgesborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. F. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-THIRD Week of the Year 1888.

| CAUSES OF DEATH.   |  | Corrected Averages for the 23rd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 9th June 1888. |      |       |                  |                  |                  |                 |    |   |       | CAUSES OF DEATH. | Corrected Averages for the 23rd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 9th June 1888. |                  |                  |                 |    |   |  |  |  |  |
|--|--|---|---|------|-------|------------------|------------------|------------------|-----------------|----|---|-------|------------------|---|---|------------------|------------------|-----------------|----|---|--|--|--|--|
|  |  |   | Deaths of Persons of the Ages               |      |       |                  |                  |                  |                 |    |   |       |                  |   | Deaths of Persons of the Ages               |                  |                  |                 |    |   |  |  |  |  |
|  |  |   | ALL AGES.                                   |      |       |                  |                  |                  |                 |    |   |       |                  |   | ALL AGES.                                   |                  |                  |                 |    |   |  |  |  |  |
|  |  |   | Under 20.                                   |      |       |                  |                  |                  |                 |    |   |       |                  |   | Under 20.                                   |                  |                  |                 |    |   |  |  |  |  |
|  |  |   | 0-1.  | 1-4. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 and upwards. |    |   | 0-1.  | 1-4.             | 5-20.   | 20 and under 40.                            | 40 and under 60. | 60 and under 80. | 80 and upwards. |    |   |  |  |  |  |
| ALL CAUSES - -   |  | 1494.5  | 1219  | 264  | 176   | 87               | 156              | 248              | 245             | 43 | Diseases of Organs of Special Sense † - -               | 3.2   | 1                | -   | -   | 1                | -                | -               | -  | - |  |  |  |  |
| Small-pox { Vaccinated † - -<br>Unvaccinated - -<br>No Statement - - |  | 21.6 {  | -   | -    | -     | -                | -                | -                | -               | -  | Diseases of Circulatory System - - -                    | 93.9  | 101              | -   | -   | 6                | 15               | 35              | 42 | 3 |  |  |  |  |
| Measles - - -  |  | 71.8  | 23  | 3    | 18    | 4                | -                | -                | -               | -  | Croup - - -   | 13.9  | 4                | -   | 2   | 2                | -                | -               | -  | - |  |  |  |  |
| Scarlet Fever - -  |  | 23.8  | 23  | 1    | 15    | 6                | -                | 1                | -               | -  | Bronchitis - - -  | 134.7 | 95               | 22  | 25  | 3                | 11               | 29              | 5  | - |  |  |  |  |
| Erysiphus - - -  |  | 0.9   | -   | -    | -     | -                | -                | -                | -               | -  | Pneumonia - - -   | 80.5  | 62               | 11  | 16  | 8                | 7                | 17              | 8  | - |  |  |  |  |
| Eclapsing Fever † - -  |  | 0.0   | -   | -    | -     | -                | -                | -                | -               | -  | Pleurisy - - -  | 5.9   | 8                | 1   | -   | -                | 1                | 5               | 1  | - |  |  |  |  |
| Influenza - - -  |  | 0.1   | -   | -    | -     | -                | -                | -                | -               | -  | Other Diseases of Respiratory System - -                | 26.0  | 16               | 4   | 1   | 1                | 1                | 4               | 2  | 3 |  |  |  |  |
| Whooping-cough - -   |  | 65.3  | 33  | 14   | 17    | 2                | -                | -                | -               | -  | Dentition † - - -                                       | 14.1  | 11               | 7   | 4   | -                | -                | -               | -  | - |  |  |  |  |
| Ephtheria - - -  |  | 15.8  | 22  | 4    | 10    | 7                | -                | 1                | -               | -  | Quinsy, Sore Throat † -                                 | 1.3   | 1                | -   | 1   | -                | -                | -               | -  | - |  |  |  |  |
| Measles Continued and Ill-defined Fever -                            |  | 2.3   | 1   | -    | -     | -                | -                | -                | 1               | -  | Enteritis - - -   | 6.3   | 3                | 1   | -   | -                | 1                | 1               | -  | - |  |  |  |  |
| Enteric Fever - -  |  | 10.9  | 6   | -    | 1     | 4                | 1                | 2                | -               | -  | Peritonitis - - -                                       | 5.9   | 4                | -   | -   | 1                | 1                | 2               | -  | - |  |  |  |  |
| Colera - - -   |  | 0.7   | -   | -    | -     | -                | -                | -                | -               | -  | Diseases of Liver - - -                                 | 31.1  | 29               | 7   | -   | 1                | 4                | 11              | 5  | 1 |  |  |  |  |
| Scarlet, Dysentery -   |  | 21.2  | 18  | 12   | 2     | -                | 2                | 2                | -               | -  | Other Diseases of Digestive System -                    | 27.2  | 22               | 4   | 1   | -                | 3                | 4               | 8  | 2 |  |  |  |  |
| Intermittent Fever † -   |  | 0.5   | -   | -    | -     | -                | -                | -                | -               | -  | Diseases of Lymphatic System & of Ductless Glands † - - | 2.1   | 1                | -   | -   | 1                | -                | -               | -  | - |  |  |  |  |
| Hydrophobia - -  |  | 0.1   | -   | -    | -     | -                | -                | -                | -               | -  | Diseases of Urinary System - - -                        | 34.3  | 36               | 1   | 1   | 3                | 2                | 12              | 15 | 2 |  |  |  |  |
| Anders - - -   |  | 0.1   | -   | -    | -     | -                | -                | -                | -               | -  | Diseases of Generative System - - -                     | 6.8   | 2                | -   | -   | 1                | -                | 1               | -  | - |  |  |  |  |
| Swamp and Effects of Vaccination † - -                               |  | 0.4   | -   | -    | -     | -                | -                | -                | -               | -  | Accidents of Childbirth -                               | 4.1   | 1                | -   | -   | 1                | -                | -               | -  | - |  |  |  |  |
| Internal Affections -  |  | 8.4   | 9   | 5    | 1     | -                | 1                | 2                | -               | -  | Diseases of Locomotive System † - - -                   | 6.3   | 6                | -   | -   | 2                | 2                | 1               | 1  | - |  |  |  |  |
| Erysipelas - - -   |  | 5.8   | 4   | 3    | 1     | -                | -                | -                | -               | -  | Diseases of Integumen- tary System - - -                | 6.3   | 3                | -   | 1   | -                | 1                | -               | 1  | - |  |  |  |  |
| Septicæmia and Septicæmia †  |  | 3.3   | 2   | -    | -     | -                | 1                | 1                | -               | -  | VIOLENT DEATHS. ‡                                       |       |                  |   |   |                  |                  |                 |    |   |  |  |  |  |
| Interperal Fever - -   |  | 5.0   | 6   | -    | -     | 6                | -                | -                | -               | -  | ACCIDENT.)  |       |                  |   |   |                  |                  |                 |    |   |  |  |  |  |
| Other Zymotic Diseases †   |  | 2.6   | 1   | -    | -     | -                | 1                | -                | -               | -  | Fracture and Contusion -                                | 23.2  | 16               | -   | 4   | 1                | 3                | 5               | 3  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Gunshot Wound - - -                                     | 0.0   | -                | -   | -   | -                | -                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Cut. Stab - - -   | 0.4   | -                | -   | -   | -                | -                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Burn and Scald - - -                                    | 4.5   | 4                | -   | 1   | 1                | 1                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Poison - - -  | 1.4   | -                | -   | -   | -                | -                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Drowning - - -  | 9.1   | 8                | -   | 2   | 2                | 3                | 1               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Suffocation - - -                                       | 10.7  | 11               | 11  | -   | -                | -                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Otherwise - - -   | 2.6   | 2                | 1   | -   | 1                | -                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | (HOMICIDE.)   |       |                  |   |   |                  |                  |                 |    |   |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Murder & Manslaughter                                   | 2.7   | 2                | -   | -   | -                | 2                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | (SUICIDE.)  |       |                  |   |   |                  |                  |                 |    |   |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Gunshot Wound - - -                                     | 1.1   | 2                | -   | -   | 1                | 1                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Cut. Stab - - -   | 2.2   | 1                | -   | -   | -                | -                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Poison - - -  | 0.9   | 12               | -   | -   | 1                | 1                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Drowning - - -  | 1.7   | -                | -   | -   | -                | -                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Hanging - - -   | 2.2   | 3                | -   | -   | -                | -                | 3               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Otherwise - - -   | 0.7   | -                | -   | -   | -                | -                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | (EXECUTION.)  |       |                  |   |   |                  |                  |                 |    |   |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | Hanging - - -   | 0.0   | -                | -   | -   | -                | -                | -               | -  | - |  |  |  |  |
|  |  |   |   |      |       |                  |                  |                  |                 |    | OTHER CAUSES † - -                                      | 56.9  | 48               | 41  | 1   | -                | 1                | 2               | 1  | - |  |  |  |  |

Note.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Police Hospitals, outside Registration London (see Table 5).

The numbers in parentheses are the average weekly deaths for the ten years 1878-87, raised by 9.41 per cent. for increase of population.

As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

These cases of small-pox only are returned as "vaccinated" or as "unvaccinated," when are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical man, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death is the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, VIOLENCE, INQUEST CASES, and Deaths in Public Institutions, during the Week ended

|   |  | The DEATHS registered in the Week include    |  |  |                                    |                                     |            |          |                |             |                 |         |                                |                              |            |           |                   |                                   |
|---|--|--|--|--|------------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-------------------|-----------------------------------|
| REGISTRATION  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths of                          |                                     |            |          | Deaths from    |             |                 |         |                                |                              |            |           | Inquest<br>Cases. | Deaths in Public<br>Institutions. |
| SUB-DISTRICTS.  |  |  |  |  | Infants under<br>1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |                   |                                   |
| LONDON . . . . .  |  | 3,815,704                                    | 2430                                   | 1219                                   | 264                                | 288                                 | -          | 25       | 23             | 22          | 33              | -       | 8                              | 1                            | 18         | 51        | 90                | 27                                |
| WEST DISTRICTS . . . . .  |  | 669,633                                      | 392                                    | 196                                    | 43                                 | 53                                  | -          | 4        | 3              | 5           | 8               | -       | 2                              | -                            | 3          | 12        | 18                | 47                                |
| NORTH DISTRICTS . . . . .   |  | 905,947                                      | 532                                    | 275                                    | 51                                 | 64                                  | -          | 9        | 8              | 5           | 2               | -       | 2                              | -                            | 2          | 12        | 18                | 62                                |
| CENTRAL DISTRICTS . . . . .   |  | 282,238                                      | 123                                    | 101                                    | 22                                 | 16                                  | -          | 2        | 1              | 1           | 4               | -       | -                              | -                            | -          | 5         | 13                | 31                                |
| EAST DISTRICTS . . . . .  |  | 692,788                                      | 518                                    | 234                                    | 47                                 | 62                                  | -          | 6        | 5              | 7           | 6               | -       | 1                              | -                            | 6          | 9         | 13                | 67                                |
| SOUTH DISTRICTS . . . . .   |  | 1,265,148                                    | 865                                    | 413                                    | 101                                | 91                                  | -          | 4        | 6              | 4           | 13              | -       | 3                              | 1                            | 7          | 13        | 23                | 65                                |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                      | -                                      | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| WEST DISTRICTS.   |  |  |  |  |                                    |                                     |            |          |                |             |                 |         |                                |                              |            |           |                   |                                   |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69889  | 36                                     | 17                                     | 2                                  | 3                                   | -          | -        | -              | -           | 1               | 2       | -                              | -                            | 1          | 1         | 3                 | 2                                 |
| St. John Paddington H - - G.J.  |  | 37380  | 16                                     | 8                                      | 1                                  | 4                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1                 | 3                                 |
| Kensington Town Ww - - W.M.   |  | 120141                                       | 47                                     | 34                                     | 10                                 | 9                                   | -          | 1        | -              | -           | 2               | -       | 1                              | -                            | 1          | 2         | 2                 | 7                                 |
| Brompton Hll - - W.M. & C.  |  | 48010  | 15                                     | 11                                     | 3                                  | 8                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 2                 | 7                                 |
| St. Peter Hammermith - - W.M.   |  | 7399   | 5                                      | 1                                      | -                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| St. Paul Hammermith H W.M. & G.J.   |  | 64340  | 51                                     | 13                                     | 7                                  | 4                                   | -          | 1        | 1              | 1           | -               | -       | -                              | -                            | -          | 1         | 2                 | 1                                 |
| Fulham Ww - - W.M. & C.   |  | 42900  | 60                                     | 19                                     | 2                                  | 2                                   | -          | 1        | 2              | -           | -               | -       | 1                              | -                            | -          | -         | -                 | 7                                 |
| Chelsea South HHH - - C.  |  | 30398  | 20                                     | 15                                     | 3                                  | 4                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | 3         | 5                 | 1                                 |
| Chelsea North-west WHHHH C.   |  | 24925  | 27                                     | 14                                     | 1                                  | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1                 | 8                                 |
| Chelsea North-east - - C.   |  | 32807  | 18                                     | 14                                     | 3                                  | 4                                   | -          | -        | -              | -           | 2               | -       | -                              | -                            | 1          | -         | 1                 | -                                 |
| May Fair WW - - G.J.  |  | 80353  | 1                                      | 8                                      | 1                                  | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | 2                                 |
| Belgrave WHH - - C.   |  | 59220  | 34                                     | 16                                     | 1                                  | 4                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 3         | 3                 | 7                                 |
| St. John Westminster HHH - C.   |  | 55496  | 31                                     | 6                                      | 2                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | 2                                 |
| St. Margaret Westminster H - C.   |  | 24679  | 8                                      | 6                                      | -                                  | 3                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -                 | 3                                 |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941  | 18                                     | 8                                      | 6                                  | 1                                   | -          | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -                 | 1                                 |
| St. Anne Soho HHHHHH - N.R.   |  | 18698  | 10                                     | 3                                      | 1                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | 1                                 |
| NORTH DISTRICTS.  |  |  |  |  |                                    |                                     |            |          |                |             |                 |         |                                |                              |            |           |                   |                                   |
| All Souls Marylebone HHHH - W.M.  |  | 28759  | 8                                      | 13                                     | 3                                  | 3                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1                 | 10                                |
| Gavendish Square HHHH - W.M.  |  | 14891  | 5                                      | 3                                      | 1                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 11                                     | 6                                      | -                                  | 3                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1                 | -                                 |
| St. Mary Maryleb. HHH G.J. & W.M.   |  | 21118  | 25                                     | 4                                      | -                                  | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Christchurch Marylebone H - W.M.  |  | 33700  | 24                                     | 12                                     | 3                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -                 | -                                 |
| St. John Marylebone H - W.M.  |  | 33638  | 14                                     | 8                                      | -                                  | 8                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Hampstead WwHHHH N.R. & W.M.  |  | 45452  | 27                                     | 11                                     | 4                                  | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1                 | 4                                 |
| Regent's Park Panoras H - W.M.  |  | 39115  | 30                                     | 10                                     | 4                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1                 | -                                 |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 12                                     | 13                                     | 3                                  | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1                 | 8                                 |
| Gray's Ina Lane HHH - N.R.  |  | 30247  | 11                                     | 10                                     | 1                                  | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1                 | 1                                 |
| Somers Town H - - N.R.  |  | 34369  | 24                                     | 12                                     | 4                                  | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1                 | -                                 |
| Camden Town WH - - N.R.   |  | 17911  | 10                                     | 9                                      | 3                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1                 | 7                                 |
| Kentish Town W - - N.R.   |  | 57457  | 49                                     | 24                                     | 3                                  | 4                                   | -          | -        | 1              | 2           | -               | 1       | -                              | -                            | -          | -         | -                 | 3                                 |
| Upper Holloway WwWH - N.R.  |  | 67946  | 42                                     | 23                                     | 4                                  | 11                                  | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -                 | 16                                |
| Islington South-west HH - N.R.  |  | 100976                                       | 67                                     | 21                                     | 4                                  | 4                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 4                 | -                                 |
| Islington South-east - - N.R.   |  | 61826  | 30                                     | 16                                     | 2                                  | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Highbury H - - N.R.   |  | 52043  | 27                                     | 11                                     | 2                                  | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Stoke Newington H - - N.R.  |  | 22781  | 14                                     | 12                                     | 4                                  | 2                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 2                 | -                                 |
| Stamford Hill - - E.L.  |  | 9277   | 11                                     | 7                                      | 1                                  | 1                                   | -          | 2        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| West Hackney - - N.R.   |  | 37610  | 20                                     | 7                                      | 2                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Hackney WwWH - - E.L. & N.R.  |  | 76911  | 48                                     | 23                                     | 2                                  | 5                                   | -          | 2        | 4              | -           | 1               | -       | 1                              | -                            | 1          | 1         | 1                 | 1                                 |
| South Hackney - - E.L.  |  | 39493  | 25                                     | 14                                     | 1                                  | 5                                   | -          | 1        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | 1                 | -                                 |
| CENTRAL DISTRICTS.  |  |  |  |  |                                    |                                     |            |          |                |             |                 |         |                                |                              |            |           |                   |                                   |
| St. George Bloomsbury - - N.R.  |  | 16381  | 7                                      | 3                                      | 1                                  | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1                 | -                                 |
| St. Giles South HE - - N.R.   |  | 14864  | 3                                      | 3                                      | -                                  | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | 3                                 |
| St. Giles North - - N.R.  |  | 13837  | 1                                      | 1                                      | 1                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 2                                      | 9                                      | -                                  | -                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| St. Mary-le-Strand H - - N.R.   |  | 7515   | 1                                      | 3                                      | 1                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | 5                 | 5                                 |
| St. Clement Danes H - - N.R.  |  | 8559   | 1                                      | 6                                      | 3                                  | -                                   | -          | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | -                 | 4                                 |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                      | 1                                      | -                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | 1                                 |
| St. Geo. the Martyr HHHHHH N.R.   |  | 18671  | 3                                      | 6                                      | -                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | 3                                 |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 5                                      | 4                                      | -                                  | 1                                   | -          | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -                 | 1                                 |
| Saffron Hill H - - N.R.   |  | 6533   | 1                                      | 2                                      | 1                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| St. James Clerkenwell - - N.R.  |  | 17516  | 9                                      | 6                                      | 2                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Amwell Clerkenwell - - N.R.   |  | 19291  | 5                                      | 6                                      | 2                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1                 | -                                 |
| Pentonville - - N.R.  |  | 14773  | 7                                      | 6                                      | 2                                  | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1                 | -                                 |
| Goswell-street - - N.R.   |  | 17508  | 17                                     | 3                                      | 1                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1                 | -                                 |
| Old-street H - - N.R.   |  | 11541  | 6                                      | 3                                      | 1                                  | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1                 | -                                 |
| City-road HLL - - N.R.  |  | 18928  | 16                                     | 9                                      | 3                                  | 2                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1                 | 3                                 |
| Whitecross-street - - N.R.  |  | 9217   | 10                                     | 3                                      | 1                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1                 | -                                 |
| Finsbury - - N.R.   |  | 7453   | 8                                      | 5                                      | 2                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1                 | -                                 |
| Holborn Union Workhouse, Mittham w.   |  | -  | -                                      | -                                      | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| St. Botolph H - - N.R. & E.L.   |  | 11174  | 7                                      | 3                                      | -                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Cripplegate - - N.R.  |  | 7193   | 2                                      | -                                      | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| St. Sepulchre H - - N.R.  |  | 5558   | 3                                      | 14                                     | 1                                  | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | 14                                |
| St. Bride W - - N.R.  |  | 8496   | 5                                      | 4                                      | -                                  | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Allhallows Barking - - N.R.   |  | 13966  | 9                                      | 1                                      | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |
| Broad Street H - - N.R.   |  | 6652   | 1                                      | 1                                      | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -                 | -                                 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifying Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N. R., New River; E. L., East London and K., the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
tuesday, the 9th June, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |             | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |
|--------------------------------|-------------|--|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|----|
|                                |             |  |                                     |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |
|                                |             |  |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Euteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |    |
| EAST DISTRICTS.                |             |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |
| olywell Shoreditch             | N.R. & E.L. | 7376   | 4                                   | 4                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| Leonard Shoreditch             | HL*         | 14967  | 9                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| oxton New Town                 | -           | 29937  | 20                                  | 17                                  | 5   | 8                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | -              | 9                                 | -                               | -  |
| oxton Old Town                 | -           | 28036  | 18                                  | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                               | -  |
| aggerston WH                   | N.R. & E.L. | 46275  | 41                                  | 10                                  | 1   | 3                                   | -           | -        | 1              | -           | -               | -       | -                              | 1                            | -          | 1         | 1              | 2                                 | -                               | -  |
| ackney-road H                  | -           | 29738  | 23                                  | 10                                  | 5   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| reen, Bethnal Green            | WHL*        | 47982  | 26                                  | 19                                  | 3   | 7                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 10                                | -                               | -  |
| urch, Bethnal Green            | -           | 29981  | 27                                  | 8                                   | 2   | 3                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| own, Bethnal Green             | -           | 18910  | 21                                  | 9                                   | 5   | 2                                   | -           | -        | 1              | -           | -               | 1       | -                              | -                            | -          | -         | 1              | -                                 | -                               | -  |
| italfields                     | -           | 22585  | 17                                  | 8                                   | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 3                                 | -                               | -  |
| ile End New Town               | W           | 15473  | 23                                  | 6                                   | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 4                                 | -                               | -  |
| hitechapel Church              | H           | 17490  | 17                                  | 16                                  | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 12                                | -                               | -  |
| oodman's Fields                | -           | 9713   | 5                                   | 1                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| ldgate                         | -           | 6102   | 3                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| St. George's, North            | -           | 38747  | 20                                  | 17                                  | 5   | 5                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | 1          | -         | 2              | -                                 | -                               | -  |
| St. John, St. George East      | W           | 8410   | 7                                   | 9                                   | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 6              | -                                 | -                               | -  |
| adwell HH                      | -           | 16395  | 9                                   | 12                                  | 2   | -                                   | -           | -        | 2              | -           | 1               | 2       | -                              | -                            | -          | 1         | 1              | 2                                 | 6                               | -  |
| atcliff                        | -           | 16107  | 11                                  | 8                                   | 3   | 1                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | 1         | -              | -                                 | -                               | -  |
| inehouse                       | -           | 32041  | 22                                  | 7                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 2                                 | -                               | -  |
| ile End Old Town West          | -           | 37960  | 32                                  | 6                                   | 2   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| ile End Old Town East          | WHL         | 67553  | 39                                  | 19                                  | 2   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 | 5                               | -  |
| ow                             | -           | 37074  | 32                                  | 6                                   | 1   | 1                                   | -           | -        | 1              | 2           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| romley WH                      | -           | 64359  | 58                                  | 29                                  | 3   | 13                                  | -           | -        | 1              | -           | 1               | 1       | -                              | -                            | -          | 1         | 1              | 1                                 | 12                              | -  |
| oplar, WH                      | -           | 55077  | 34                                  | 11                                  | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 1                                 | -                               | -  |
| SOUTH DISTRICTS.               |             |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |
| ristchurch Southwark           | WH          | 13663  | 5                                   | 9                                   | 3   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 | -                               | -  |
| St. Saviour Southwark          | -           | 14999  | 5                                   | 6                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| ent-road                       | -           | 21281  | 20                                  | 9                                   | 3   | 2                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | 1                                 | -                               | -  |
| orough-road WH                 | -           | 15668  | 16                                  | 8                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | 1                                 | 5                               | -  |
| ondon-road HL                  | -           | 21318  | 17                                  | 8                                   | 2   | -                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| ewington                       | -           | 25672  | 21                                  | 6                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| St. Peter Walworth             | W           | 26635  | 43                                  | 16                                  | 6   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 | -                               | -  |
| St. Mary Newington             | -           | 21623  | 17                                  | 6                                   | 4   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| St. Olive WH                   | -           | 11856  | 6                                   | 10                                  | -   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 8                                 | -                               | -  |
| ather Market                   | -           | 16800  | 14                                  | 1                                   | -   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| St. Mary Magdalen              | W           | 15669  | 12                                  | 8                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                               | -  |
| St. James Bermondsey           | -           | 14685  | 29                                  | 11                                  | 2   | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| otherholme WH                  | -           | 36024  | 27                                  | 15                                  | 4   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | 3                               | -  |
| Waterloo-road 1st              | H           | 15195  | 10                                  | 7                                   | 2   | 1                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| Waterloo-road 2nd              | H           | 16251  | 20                                  | 4                                   | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | 2                               | -  |
| ambeth Church 1st              | H           | 19876  | 6                                   | 13                                  | 5   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 2                                 | 3                               | 8  |
| ambeth Church 2nd              | WH          | 39339  | 22                                  | 19                                  | 1   | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | 2                               | 10 |
| enington 1st                   | -           | 45329  | 37                                  | 9                                   | 4   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| enington 2nd                   | -           | 35332  | 27                                  | 15                                  | 3   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| rixton                         | W           | 62837  | 30                                  | 16                                  | 5   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| orwood                         | W           | 19017  | 17                                  | 8                                   | 2   | 3                                   | -           | -        | 1              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| St. Battersea                  | -           | 54675  | 38                                  | 13                                  | 5   | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 | -                               | 1  |
| St. Battersea                  | WH          | 52387  | 39                                  | 17                                  | 5   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| apham H                        | -           | 58380  | 21                                  | 7                                   | 2   | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| Andrews WH                     | -           | 28004  | 23                                  | 10                                  | -   | 3                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | 1              | -                                 | 4                               | -  |
| dney                           | -           | 19235  | 6                                   | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| reatham                        | -           | 25563  | 15                                  | 8                                   | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | 2                               | -  |
| ulwich                         | -           | 5590   | 1                                   | 1                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| ambwell WH                     | L*          | 30104  | 39                                  | 24                                  | 3   | 11                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 4                               | 1  |
| ackham W                       | -           | 71639  | 51                                  | 26                                  | 4   | 9                                   | -           | -        | 1              | 2           | -               | 1       | -                              | -                            | -          | -         | -              | 1                                 | -                               | -  |
| St. George Camberwell          | -           | 50810  | 44                                  | 9                                   | 6   | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| Paul Deptford                  | WH          | 76752  | 59                                  | 25                                  | 5   | 5                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 2                               | -  |
| Nicholas Deptford              | -           | 7901   | 4                                   | 3                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| Greenwich West                 | H           | 21972  | 15                                  | 11                                  | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | 1                               | 2  |
| Greenwich East                 | WH          | 24608  | 17                                  | 15                                  | 4   | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | 1                                 | 7                               | -  |
| atham H                        | -           | 2048   | 1                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | 1  |
| he H                           | -           | 21559  | 12                                  | 4                                   | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| ewisham WH                     | -           | 18865  | 14                                  | 4                                   | 3   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 1                               | -  |
| denham H                       | -           | 26076  | 15                                  | 11                                  | 3   | 1                                   | -           | 1        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                               | -  |
| arleton H                      | -           | 10980  | 3                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| oolwich Dockyard               | -           | 17517  | 7                                   | 4                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | 1                            | -          | -         | -              | -                                 | -                               | -  |
| oolwich Arsenal                | HH          | 19048  | 5                                   | 5                                   | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| umstead, West                  | H           | 14009  | 11                                  | 3                                   | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| umstead, East                  | W           | 19241  | 19                                  | 7                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 2                               | -  |
| Metropolitan Asylum Hospitals: |             |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |    |
| Dartford                       | W           | -  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| Winchmore Hill                 | W           | -  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |
| Plaistow                       | W           | -  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               | -  |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

Marylebone Infirmary in Kensington Town sub-district.  
Central London Sick Asylum in Tottenham Court-road sub-district.  
Holborn Infirmary in Upper Holloway sub-district.  
London City Workhouse in Hackney sub-district.  
Whitechapel " in Hoxton New Town sub-district.  
London City " in Mile End Old Town Eastern sub-dist.  
London City " in Mile End Old Town Western sub-dist.  
London City " in Bromley sub-district.  
Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hammersmith, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 9th June, 1898.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>in-<br>clud-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Eneume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                   |             |          |                |             |                 |        |            |           |                |    | Deaths in Public<br>Institutions. |
|---|--------------------------------|---|---|---------|---------|---|-----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|----|-----------------------------------|
|   |                                |   |   |         |         | Deaths of                                 |                                   | Deaths from |          |                |             |                 |        |            |           |                |    |                                   |
|   |                                |   |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 80<br>Years & upwds. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. |    |                                   |
| LONDON—OUTER RING   |                                | 370,924   | 950,957                                       | 794     | 515     | 55  | 91                                | -           | 1        | 2              | 5           | 7               | 1      | -          | 10        | 14             | 58 |                                   |
| 30:1  | Carshalton wL -                | 12228   | 21118   | 12      | 20      | 2   | 8                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 16 |                                   |
| 2   | Epsom (part of)* WwH           | 9371  | 10710   | 6       | 2       | 1   | -                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 1  |                                   |
| 37:1  | Godstone (part of)* -          | 2754  | 1225  | 1       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 38:1  | Croydon WwHHL -                | 20851   | 101241  | 50      | 24      | 4   | 9                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 2  |                                   |
| 2   | Mitcham w† -                   | 11697   | 17982   | 13      | 2       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 39:1  | Wimbledon HHH -                | 3220  | 15530   | 18      | 3       | 2   | -                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -  |                                   |
| 2   | Kingston WHH -                 | 8549  | 32354   | 26      | 11      | -   | 5                                 | -           | -        | 2              | -           | -               | -      | -          | 1         | 1              | 3  |                                   |
| 3   | Esher (part of)* -             | 6601  | 9221  | 10      | 2       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 4   | Hampton H -                    | 4573  | 18539   | 5       | 3       | -   | 1                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -  |                                   |
| 40:1  | Richmond WH -                  | 2272  | 21302   | 15      | 7       | -   | 4                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3  |                                   |
| 2   | Mortlake -                     | 2941  | 12331   | 7       | 3       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 41:1  | Bromley (pt. of)* HH           | 15689   | 31142   | 23      | 6       | 2   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1  |                                   |
| 2   | Chislehurst (pt. of)* WHH      | 14307   | 15944   | 19      | 7       | 1   | 4                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1  |                                   |
| 42:1  | Berley H -                     | 13437   | 24154   | 22      | 8       | -   | 4                                 | -           | -        | -              | -           | -               | 1      | -          | 1         | 1              | -  |                                   |
| 124:1   | Sanbury w -                    | 11055   | 11885   | 5       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 2   | Staines W -                    | 13277   | 12089   | 7       | 6       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4  |                                   |
| 125:1   | Hillingdon WHH -               | 6029  | 10802   | 13      | 9       | 1   | 4                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 4  |                                   |
| 2   | Uxbridge -                     | 6178  | 13255   | 3       | 1       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -  |                                   |
| 3   | Hayes wHL -                    | 14587   | 11823   | 4       | 8       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 4  |                                   |
| 126:1   | Isleworth WHH -                | 7008  | 22727   | 10      | 6       | -   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 2   | Twickenham H -                 | 2477  | 12479   | 11      | 4       | 1   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 3   | Brentford HL -                 | 4345  | 27649   | 29      | 7       | 2   | 1                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -  |                                   |
| 4   | Chiswick -                     | 1340  | 15375   | 17      | 5       | 2   | -                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -  |                                   |
| 5   | Acton wH -                     | 6083  | 22376   | 24      | 4       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -  |                                   |
| 127:1   | Harrow H -                     | 13809   | 12796   | 1       | 9       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 2   | Edgware H -                    | 6994  | 3749  | -       | 1       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 3   | Willersden -                   | 4383  | 27455   | 32      | 13      | 5   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -  |                                   |
| 4   | Hendon W -                     | 8382  | 10484   | 8       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 128:1   | South Mimms -                  | 15699   | 6391  | 6       | 2       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 2   | Barnet -                       | 5433  | 15099   | 2       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 3   | Finchley HL -                  | 4688  | 17616   | 21      | 8       | 2   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4  |                                   |
| 129:1   | Hornsey H -                    | 3039  | 37078   | 26      | 7       | 2   | 2                                 | -           | 1        | -              | -           | 1               | -      | -          | -         | -              | -  |                                   |
| 2   | Tottenham H -                  | 4642  | 46456   | 57      | 22      | 6   | 5                                 | -           | -        | -              | 1           | 1               | -      | -          | -         | -              | -  |                                   |
| 3   | Edmonton Ww† -                 | 7483  | 23463   | 18      | 10      | 1   | 4                                 | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 3  |                                   |
| 4   | Enfield WH -                   | 12653   | 19104   | 11      | 8       | 1   | 2                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1  |                                   |
| 5   | Waltham Abbey -                | 11017   | 3368  | 4       | 2       | 1   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 6   | Cheshunt -                     | 8450  | 7735  | 6       | 3       | -   | 3                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 135:1   | Hatfield (part of)* -          | 5506  | 588   | -       | -       | -   | -                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 137:1   | Bushey -                       | 9331  | 6821  | 5       | 1       | -   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 136:1   | Stratford -                    | 525   | 38606   | 27      | 12      | 2   | 2                                 | -           | -        | -              | 1           | -               | -      | -          | 1         | 1              | -  |                                   |
| 2   | West Ham wwwwH† -              | 7351  | 101053  | 108     | 34      | 5   | 5                                 | -           | -        | -              | 2           | -               | -      | -          | -         | -              | -  |                                   |
| 3   | Leyton WwL -                   | 4372  | 32450   | 32      | 18      | 2   | 9                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 9  |                                   |
| 4   | Walthamstow H -                | 5520  | 28863   | 36      | 0       | 2   | 1                                 | -           | -        | -              | -           | 1               | -      | -          | 1         | 2              | -  |                                   |
| 137:1   | Chigwell (part of)* H          | 11761   | 9969  | 11      | 2       | 1   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |
| 139:1   | Romford (part of)* -           | 6730  | 3411  | 8       | 2       | 1   | 1                                 | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1  |                                   |
| 2   | Ilford -                       | 8493  | 7645  | 7       | 3       | 2   | 1                                 | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -  |                                   |
| 3   | Barking Town -                 | 4127  | 3203  | 9       | 4       | 2   | 1                                 | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -  |                                   |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warlingham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 247); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 9th June, 1888.**

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |                                   |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |  |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |            |           |     |  |                                   |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |                                   |  |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 14.5  | 1.4                                   | 1534                             | 319                                       | 379  | -           | 26       | 25                | 27          | 40                  | 10     | 18         | 61        | 331 |  |                                   |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 14.9  | 1.6                                   | 1219                             | 264                                       | 238  | -           | 25       | 23                | 22          | 33                  | 9      | 18         | 51        | 275 |  |                                   |  |
| OUTER RING -              | 370,924  | 1,244,965                                      | 13.2  | 0.7                                   | 315                              | 55  | 91   | -           | 1        | 2                 | 5           | 7                   | 1      | -          | 10        | 56  |  |                                   |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

**TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,287,049 Persons.**

| CITIES.                        | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                             |
|--------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|--|
| CALCUTTA -                     | 433,219                               | May 5                       | -                               | 216     | 26.0                               | Fevers 45; cholera 61.                                     |
| BOMBAY -                       | 773,196                               | " 15                        | 296                             | 445     | 26.2                               | Fevers 124; cholera 7; small-pox 22.                       |
| MADRAS -                       | 398,777                               | " 4                         | 290                             | 332     | 43.4                               | Fevers 68; cholera 41; diarrhoeal diseases 60.             |
| PARIS -                        | 2,260,945                             | June 2                      | 1133                            | 955     | 22.0                               | Diph. & crp. 37; typh. fev. 10; sm.-pox 6; meas. 23.       |
| BRUSSELS - (with 8 Faubourgs.) | 462,069                               | " 2                         | 253                             | 190     | 21.4                               | Typhus & typhd. fev. 4; diarrhoeal dis. 21.                |
| AMSTERDAM -                    | 390,016                               | " 2                         | 231                             | 153     | 21.2                               | Diphtheria 6; measles 3; whooping-cough 6.                 |
| ROTTERDAM -                    | 193,653                               | " 2                         | 143                             | 96      | 25.7                               | Croup 2.   |
| THE HAGUE -                    | 149,477                               | " 2                         | 100                             | 54      | 18.7                               | -  |
| COPENHAGEN -                   | 300,000                               | May 22                      | 143                             | 168     | 29.2                               | Diphtheria 6; whooping-cough 3.                            |
| STOCKHOLM -                    | 221,549                               | " 26                        | 134                             | 90      | 21.1                               | Scar. fever 5; whooping-cough 6.                           |
| CHRISTIANIA -                  | 134,000                               | June 2                      | 45                              | 60      | 23.0                               | Diphtheria and croup 7.                                    |
| ST. PETERSBURG                 | 928,016                               | May 26                      | -                               | 670     | 37.7                               | Typ. & tpd. fev. 22; meas. 40; sc. fev. 11; diar. dis. 71. |
| BERLIN -                       | 1,413,603                             | " 19                        | 853                             | 533     | 21.3                               | Diphtheria 15; scarlet fev. 8; measles 9.                  |
| HAMBURG (State)                | 529,091                               | " 26                        | 351                             | 314     | 31.0                               | Diphtheria and croup 11; typ. & tpd. fev. 4; ms. 21.       |
| DRESDEN -                      | 259,142                               | " 19                        | 146                             | 120     | 24.1                               | Diphtheria and croup 3; scarlet fever 2.                   |
| BRESLAU -                      | 313,451                               | " 26                        | 233                             | 199     | 33.8                               | Diphtheria 9.  |
| MUNICH -                       | 275,000                               | " 23                        | 191                             | 165     | 31.2                               | Diphtheria and croup 4; sc. fv. 3; diarr. dis. 26.         |
| VIENNA -                       | 800,836                               | " 26                        | 585                             | 497     | 32.3                               | Diph. 3; scar. fever 7; typhd. fev. 3; meas. 10.           |
| PRAGUE -                       | 295,857                               | " 26                        | -                               | 203     | 36.7                               | Small-pox 12; meas. 13; typhus & typhd. fev. 10.           |
| BUDA-PESTH -                   | 442,787                               | " 26                        | 331                             | 302     | 35.5                               | Diph. 6; scar. fev. 2; measles 5.                          |
| TRIESTE -                      | 156,042                               | " 26                        | -                               | 69      | 23.0                               | Small-pox 3; scar. fev. 3.                                 |
| ROME -                         | 382,973                               | April 28                    | 204                             | 187     | 25.5                               | Typd. fev. 5; diph. 3; measles 4.                          |
| TURIN (10 days)                | 294,826                               | May 10                      | -                               | -       | -                                  | -  |
| VENICE -                       | 150,502                               | " 26                        | 78                              | 64      | 22.2                               | Diarrhoeal diseases 10.                                    |
| CAIRO -                        | 374,833                               | " 17                        | 337                             | 303     | 42.2                               | Typd. fev. 17; diarr. dis. 111; whooping-cough 10.         |
| ALEXANDRIA -                   | 231,396                               | " 17                        | 163                             | 153     | 34.5                               | Diphtheria and croup 3; diarr. dis. 36.                    |
| NEW YORK -                     | 1,403,000                             | " 19                        | -                               | 763     | 26.8                               | Diph. 63; scar. fever 31; small-pox 5.                     |
| BROOKLYN -                     | 774,870                               | " 19                        | -                               | 249     | 16.3                               | Diphtheria 19; scarlet fever 10.                           |
| PHILADELPHIA -                 | 1,016,753                             | " 19                        | -                               | 335     | 19.8                               | Diph. 4; scar. fever 4; typhd. fev. 15; sm.-pox 6.         |
| BALTIMORE -                    | 437,155                               | " 10                        | -                               | 196     | 15.0                               | Typd. fev. 2; meas. 2.                                     |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 9TH JUNE, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |       | Phases of the Moon. | TEMPERATURE. |      |       |      | TEMPERATURE. |      |      |        | TEMPERATURE. |              |  |            | Wind as deduced from Anemometers. |              |   |                   | Rain collected in a Glass whose surface is 5 inches square on each 10 Years. | Ozone. |   |                                       |                   |                              |        |             |            |           |      |      |             |        |                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------|-------|---------------------|--------------|------|-------|------|--------------|------|------|--------|--------------|--------------|--|------------|-----------------------------------|--------------|---|-------------------|--|--------|---|---------------------------------------|-------------------|------------------------------|--------|-------------|------------|-----------|------|------|-------------|--------|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MONTH AND DAY. | JUNE. |                     | SUN.         | MON. | TUES. | WED. | THURS.       | FRI. | SAT. | MEANS. | No. of Col.  | Baro- meter. | Of the Air.  |            |                                   |              | Degree of Hu- midity (Sat- uration 100°). | Of Radiation.     |  |        | Of the Water of the Thames at Deptford. | General Direction.                    |                   | Pressure on the Square Foot. |        | Robinson's. |            |           |      |      |             |        |                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                |       |                     |              |      |       |      |              |      |      |        |              |              | Mean daily reading (cor- rected for re- frac- tion and re- duced to 32° Fahr- en- heit). | High- est. | Low- est.                         | Daily Range. |   | Mean daily value. |  |        |   | De- viation from Average of 30 years. | Mean daily value. | Great- est.                  | Least. |             | High- est. | Low- est. | A.M. | P.M. | Great- est. | Least. | Mean hourly obs. |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                |       |                     |              |      |       |      |              |      |      |        |              |              |  |            |                                   |              |   |                   |  |        |   |                                       |                   |                              |        |             |            |           |      |      |             |        |                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                |       |                     | in.          | °    | °     | °    | °            | °    | °    | °      | °            | °            | °  | °          | °                                 | °            | °   | °                 | °  | °      | °                                       | °                                     | °                 | °                            | °      | °           | °          | °         | °    | °    | °           | °      | °                | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; v, variable.

The numbers in column 22, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.85 in. at the beginning of the week to 29.43 in. at the end of the week.

#### GENERAL REMARKS.

A very fine day. Small amounts of light cloud generally prevailed.

Fine; cloudy.

Overcast. Cold, brisk wind.

Showers in morning; overcast till evening; cloudless at night.

Partially cloudy and fine till evening; overcast at night. One or two slight showers of rain.

Cloudy. Occasional showers of rain. Lightning at night.

Cloudy. Showery.

Electricity. (For explanation of symbols, see Note.)

9.9

16.3

16.3

16.4

16.4

16.4

16.4

Sum 114.6

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

Sum 21.2

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 24, 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JUNE 16. [Price 1½d.

General Register Office, Somerset House,  
18th June, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·2 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |            |            |             | TOWNS.             | Weeks ending |            |            |             |
|--------------|--------------|------------|------------|-------------|--------------------|--------------|------------|------------|-------------|
|              | May<br>26.   | June<br>2. | June<br>9. | June<br>16. |                    | May<br>26.   | June<br>2. | June<br>9. | June<br>16. |
| Birkenhead   | 10·9         | 14·6       | 12·5       | 9·9         | Liverpool -        | 16·6         | 19·2       | 14·8       | 15·7        |
| Birmingham   | 17·1         | 17·9       | 19·5       | 14·0        | London -           | 16·6         | 16·1       | 14·9       | 14·2        |
| Blackburn -  | 19·7         | 22·4       | 22·4       | 23·2        | Manchester -       | 24·8         | 25·7       | 25·0       | 27·9        |
| Bolton       | 21·6         | 15·2       | 22·1       | 22·1        | Newcastle-on-Tyne* | 18·1         | 20·3       | 12·8       | 24·6        |
| Bradford*    | 19·1         | 14·3       | 14·3       | 17·5        | Norwich -          | 22·8         | 19·5       | 22·3       | 20·1        |
| Brighton     | 22·2         | 14·3       | 15·7       | 12·6        | Nottingham*        | 13·3         | 18·3       | 12·9       | 19·4        |
| Bristol      | 17·3         | 15·2       | 18·2       | 17·0        | Oldham -           | 22·7         | 19·6       | 17·4       | 22·7        |
| Cardiff*     | 19·2         | 16·8       | 14·9       | 16·3        | Plymouth -         | 22·2         | 18·1       | 15·4       | 12·1        |
| Derby        | 15·7         | 13·0       | 13·6       | 10·3        | Portsmouth         | 11·6         | 18·7       | 15·0       | 16·8        |
| Halifax      | 20·8         | 18·9       | 18·9       | 23·4        | Preston -          | 27·8         | 23·7       | 17·7       | 23·7        |
| Huddersfield | 17·1         | 18·8       | 22·3       | 19·4        | Salford*           | 22·8         | 17·1       | 19·1       | 18·7        |
| Hull -       | 17·0         | 19·1       | 14·7       | 17·0        | Sheffield -        | 17·2         | 21·4       | 18·0       | 15·6        |
| Leeds        | 21·2         | 20·1       | 15·5       | 18·0        | Sunderland         | 18·6         | 15·8       | 18·2       | 15·4        |
| Leicester*   | 16·4         | 16·0       | 16·4       | 10·7        | Wolverhampton -    | 17·2         | 24·9       | 16·6       | 19·8        |

The highest annual death-rates, measured by last week's mortality, were: from *measles*, 1·4 in Bradford; from *scarlet fever*, 1·0 in Cardiff; from *whooping-cough*, 1·0 in Cardiff, 1·3 in Blackburn, and 2·1 in Manchester. The death-rate from "*fever*" did not reach 1·0 per 1000 in any of the twenty-eight towns. The 25 deaths from *diphtheria* in these towns included 18 in London, 2 in Liverpool, and 2 in Manchester. *Small-pox* caused 6 deaths in Preston, 2 in Sheffield, 2 in Hull, one in Leeds, one in Manchester, and one in Bristol, but not one in any of the twenty-one other great provincial towns, or in London.

## LONDON.

In LONDON† 2399 BIRTHS and 1167 DEATHS were registered. Allowing for increase of population, the births were 254, and the deaths 274, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had declined from 17·9 to 14·9 in the preceding four weeks, further fell last week to 14·2, and was lower than in any week since September 1885. During the first eleven weeks of the current quarter the death-rate averaged 17·3 per 1,000, and was 2·8 below the mean rate in the corresponding periods of the ten years 1878-87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1167 deaths included 21 from measles, 19 from scarlet fever, 18 from diphtheria, 34 from whooping-cough, 8 from enteric fever, one from an ill-defined form of continued fever, 16 from diarrhœa and dysentery, and not one from small-pox, typhus, or cholera; thus, 117 deaths were referred to these diseases, being 115 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 21. There were again, on Saturday last, no small-pox patients under treatment in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The deaths from *measles*, which had risen from 18 to 25 in the previous four weeks, fell to 21 last week, and were 45 below the corrected average; 6 belonged to Hackney and 3 to Mile End Old Town sanitary areas. The fatal cases of *scarlet fever*, which had risen from 13 to 23 in the preceding four weeks, fell last week to 19, and were 10 below the corrected average; 2 belonged to Mile End Old Town, 2 to Poplar, 2 to Lambeth, and 3 (all patients in the South-eastern Hospital taken from one house in Wycliffe Road, Lavender Hill,) to Battersea sanitary areas. At the end of the week the Metropolitan Asylum Hospitals and the London Fever Hospital contained 904 scarlet fever patients, against 947 and 928 on the preceding two Saturdays; 72 cases were admitted during the week, against 96 and 102 in the preceding two weeks. The deaths from *diphtheria*, which had been 26 and 22 in the previous two weeks, further fell to 18 last week, but were 2 above the average; 2 belonged to Pancras, 2 to Hackney, 2 to Lambeth, and 2 to Wandsworth sanitary areas. The fatal cases of *whooping-cough*, which had declined from 64 to 33 in the preceding three weeks, were 34 last week, and were 24 below the corrected average; 5 belonged to Islington, 6 to Lambeth, and 3 to Camberwell sanitary areas. The deaths from *diarrhœa* and *dysentery*, which had been 19 and 18 in the preceding two weeks, fell last week to 16, and were 11 below the corrected average; 10 were of infants under one year of age.

The deaths referred to *enteric fever*, which had declined from 12 to 8 in the previous four weeks, were again 8 last week, and were 3 below the corrected average. The Metropolitan Asylum Hospitals contained 88 cases of enteric fever, but not one of typhus, on Saturday last; 11 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 237 and 185 in the preceding two weeks, rose last week to 213, but were 24 below the corrected average.

Different forms of violence caused 71 deaths; 54 were the result of negligence or accident, among which were 18 from fractures and contusions, 10 from burns and scalds, 8 from drowning, one from poison, and 11 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in the streets; 1 by accident on railway; 10 by fall from height, and otherwise; and 1 by bursting of grindstone. An inquest was held in each of these cases. Fourteen cases of suicide were recorded, being 6 above the corrected average.

#### GREATER LONDON.

In Greater London 3117 births and 1438 deaths were registered, corresponding to annual rates of 29·4 and 13·6 per 1000 of the population. In the Outer Ring 8 deaths from whooping-cough, 6 from scarlet fever, 6 from diphtheria, and 5 from "fever," were registered. In West Ham sub-district, 4 deaths from scarlet fever, 3 from diphtheria, and 2 from "fever," were recorded; 2 deaths from diphtheria occurred in Walthamstow sub-district. The death of a woman occurred in Barnet workhouse whose age was stated to be 104 years.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·75 in.; the highest reading was 29·94 in. on Sunday evening, and the lowest 29·52 in. on Tuesday afternoon. The mean temperature of the *air* was 57°·1, and 1°·9 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Monday and Tuesday, but was below the average on the other days of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 10·9 miles per hour, which was 0·4 of a mile above the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·54 of an inch. The duration of registered bright sunshine in the week was 51·7 hours, against 49·2 hours at Glynde Place, Lewes.





TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-FOURTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2120 | 2414 | 2368 | 2480 | 2493 | 2477 | 2805 | 2375 | 2287 | 2513 | 2653·3   | 2399 |
| Males . .           | 1089 | 1238 | 1187 | 1277 | 1213 | 1275 | 1463 | 1212 | 1155 | 1226 | 1345·1   | 1260 |
| Females .           | 1031 | 1176 | 1181 | 1203 | 1280 | 1202 | 1342 | 1163 | 1132 | 1287 | 1308·2   | 1139 |
| <b>TOTAL Deaths</b> | 1300 | 1351 | 1243 | 1403 | 1335 | 1279 | 1450 | 1284 | 1182 | 1390 | 1441·3   | 1167 |
| Males . .           | 662  | 721  | 661  | 750  | 665  | 658  | 762  | 666  | 623  | 709  | 747·8  | 628  |
| Females .           | 638  | 630  | 582  | 673  | 670  | 621  | 688  | 618  | 559  | 681  | 693·5  | 539  |

\* The numbers in this column are the average weekly numbers in the twenty-fourth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Mar.<br>24. | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. | May<br>5. | May<br>12. | May<br>19. | May<br>26. | June<br>2. | June<br>9. | June<br>16. |
|--|-------------|-------------|------------|-------------|-------------|-------------|-----------|------------|------------|------------|------------|------------|-------------|
| <b>TOTAL Births</b>                      | 2522        | 2492        | 2588       | 2331        | 2579        | 2577        | 2650      | 2574       | 2364       | 2278       | 2491       | 2430       | 2399        |
| <b>TOTAL Deaths</b>                      | 1655        | 1668        | 1593       | 1692        | 1551        | 1437        | 1429      | 1360       | 1469       | 1361       | 1323       | 1219       | 1167        |
| 0-20                                     | 715         | 747         | 716        | 800         | 681         | 628         | 648       | 615        | 697        | 608        | 581        | 527        | 503         |
| 20-40                                    | 197         | 183         | 189        | 215         | 212         | 177         | 187       | 186        | 212        | 180        | 178        | 156        | 176         |
| 40-60                                    | 235         | 340         | 270        | 278         | 265         | 277         | 243       | 233        | 272        | 256        | 266        | 248        | 208         |
| 60-80                                    | 384         | 329         | 320        | 335         | 310         | 302         | 277       | 255        | 276        | 268        | 255        | 245        | 234         |
| at 80 years & upwds.                     | 74          | 69          | 98         | 64          | 83          | 53          | 79        | 66         | 72         | 49         | 43         | 43         | 46          |
| Deaths of children                       |             |             |            |             |             |             |           |            |            |            |            |            |             |
| Under 1 year                             | 361         | 366         | 346        | 395         | 367         | 329         | 324       | 319        | 296        | 322        | 288        | 264        | 251         |
| 1-5                                      | 254         | 273         | 263        | 302         | 229         | 209         | 223       | 190        | 254        | 204        | 184        | 176        | 163         |
| 5-20                                     | 100         | 108         | 107        | 103         | 85          | 90          | 94        | 106        | 87         | 82         | 109        | 87         | 89          |
| Deaths from Small-pox                    | -           | -           | -          | -           | -           | 1           | -         | -          | -          | -          | -          | -          | -           |
| " " Measles                              | 18          | 17          | 16         | 12          | 18          | 16          | 14        | 22         | 18         | 23         | 24         | 25         | 21          |
| " " Scarlet fever                        | 24          | 40          | 20         | 17          | 21          | 15          | 23        | 19         | 13         | 17         | 19         | 23         | 19          |
| " " Diphtheria                           | 17          | 15          | 16         | 19          | 10          | 22          | 15        | 15         | 29         | 19         | 26         | 22         | 18          |
| " " Whooping-cough                       | 80          | 93          | 89         | 108         | 91          | 80          | 87        | 52         | 64         | 64         | 37         | 33         | 34          |
| " " Typhus                               | 1           | 1           | -          | -           | -           | -           | 1         | -          | -          | -          | -          | -          | -           |
| " " Enteric fever                        | 10          | 13          | 20         | 9           | 13          | 7           | 11        | 9          | 12         | 10         | 9          | 8          | 8           |
| " " Simple Cont'd fever                  | -           | -           | 1          | -           | 1           | -           | -         | 1          | -          | 3          | -          | 1          | 1           |
| " " Diarrhoea and Dysentery              | 6           | 16          | 17         | 19          | 23          | 17          | 19        | 14         | 15         | 9          | 19         | 18         | 16          |
| " " Cholera                              | -           | -           | 1          | -           | -           | -           | -         | 1          | -          | 2          | 1          | -          | -           |
| Deaths from the above-mentioned Diseases | 156         | 195         | 180        | 184         | 177         | 158         | 170       | 133        | 151        | 147        | 135        | 130        | 117         |
| " " Dis. of Respiratory System           | 457         | 460         | 419        | 444         | 363         | 343         | 287       | 260        | 296        | 223        | 237        | 185        | 213         |
| " " Phthisis                             | 144         | 155         | 152        | 150         | 137         | 146         | 135       | 134        | 176        | 151        | 157        | 135        | 119         |
| " " Dis. of Circulatory System           | 133         | 130         | 128        | 134         | 129         | 87          | 122       | 119        | 105        | 119        | 109        | 101        | 89          |
| Violent Deaths                           | 64          | 75          | 56         | 52          | 48          | 56          | 39        | 51         | 63         | 65         | 73         | 51         | 71          |
| Inquest Cases                            | 120         | 129         | 129        | 121         | 109         | 110         | 101       | 106        | 113        | 108        | 111        | 90         | 103         |
| Deaths in Public Institutions            | 365         | 376         | 347        | 347         | 352         | 352         | 332       | 305        | 370        | 345        | 326        | 275        | 312         |
| TEMPERATURE OF THE AIR                   |             |             |            |             |             |             |           |            |            |            |            |            |             |
| Mean                                     | 34·7        | 40·0        | 37·1       | 42·2        | 48·5        | 45·7        | 49·0      | 52·3       | 55·9       | 54·0       | 55·8       | 58·9       | 57·1        |
| Mean of Highest readings                 | 40·6        | 47·5        | 47·0       | 50·3        | 59·0        | 51·4        | 58·9      | 64·1       | 68·0       | 66·0       | 69·1       | 71·0       | 69·5        |
| Mean of Lowest readings                  | 30·4        | 34·5        | 29·3       | 35·3        | 41·2        | 37·8        | 40·2      | 41·2       | 45·6       | 43·2       | 44·3       | 49·8       | 47·8        |
| Humidity of the Air                      | 80          | 87          | 78         | 78          | 82          | 86          | 63        | 69         | 69         | 68         | 69         | 77         | 72          |
| Rain-fall in inches                      | 0·66        | 0·87        | 0·08       | 0·11        | 0·65        | 0·67        | 0·16      | 0·00       | 0·32       | 0·00       | 0·16       | 0·17       | 0·54        |
| Registered Sunshine (in hours)           | 11·3        | 11·2        | 29·0       | 21·5        | 35·7        | 3·0         | 43·2      | 51·0       | 39·4       | 62·3       | 43·8       | 21·2       | 51·7        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FOURTH Week of the Year 1888.

| CAUSES OF DEATH.                           | Corrected Averages for the 24th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 16th June 1888. |           |      |       |                  |                  |                  |                       |  |   | CAUSES OF DEATH. | Corrected Averages for the 24th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 16th June 1888. |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
|--|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|---|------------------|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|-------|-----|----|----|---|----|----|----|---|
|  |   | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |                       |  |   |                  |   | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
|  |   | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |   |                  |   | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |       |     |    |    |   |    |    |    |   |
|  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |   |                  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| ALL CAUSES -                               | 1441.3  | 1167   | 251       | 163  | 89    | 176              | 208              | 234              | 43                    |  | Diseases of Organs of Special Sense † - | 2.5              | 1   | -  | -         | 1    | -     | -                | -                | -                |                       | Diseases of Circulatory System -                      | 83.3  | 89  | 1  | -  | 5 | 16 | 24 | 42 | 1 |
| Small-pox { Vaccinated † -                 | 20.6  | -  | -         | -    | -     | -                | -                | -                | -                     |  | Croup -                                 | 12.4             | 10  | -  | 9         | 1    | -     | -                | -                | -                |                       | Bronchitis -  | 123.2 | 104 | 30 | 18 | 2 | 5  | 7  | 36 | 6 |
| Unvaccinated -                             |   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Pneumonia -                             | 73.1             | 71  | 12   | 9         | 3    | 12    | 17               | 15               | 1                |                       | Pleurisy -  | 2.9   | 4   | -  | -  | - | 2  | 1  | 3  | 1 |
| No Statement -                             |   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Other Diseases of Respiratory System -  | 24.9             | 24  | 4  | 3         | 2    | 3     | 6                | 6                | -                |                       | Dentition † -   | 12.3  | 9   | 7  | 2  | - | -  | -  | -  | - |
| Measles -                                  | 66.1  | 21   | 5         | 15   | 1     | -                | -                | -                | -                     |  | Quinsy, Sore Throat † -                 | 3.3              | 1   | -  | 1         | -    | -     | -                | -                | -                |                       | Enteritis -   | 6.5   | 6   | -  | 1  | 2 | 1  | 2  | -  | - |
| Scarlet Fever -                            | 29.3  | 19   | 1         | 8    | 10    | -                | -                | -                | -                     |  | Peritonitis -                           | 5.5              | 6   | -  | 1         | 2    | 1     | 1                | 1                | -                |                       | Diseases of Liver -                                   | 32.5  | 25  | 4  | -  | 2 | 2  | 10 | 6  | 1 |
| Typhus -                                   | 0.8   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Other Diseases of Digestive System -    | 30.8             | 21  | 6  | 1         | 1    | 2     | 3                | 7                | 1                |                       | Diseases of Lymphatic System & of Ductless Glands † - | 1.1   | -   | -  | -  | - | -  | -  | -  | - |
| Relapsing Fever † -                        | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Diseases of Urinary System -            | 83.3             | 37  | -  | 5         | 4    | 6     | 14               | 6                | 2                |                       | Diseases of Generative System -                       | 5.3   | 10  | -  | -  | - | 3  | 6  | 1  | - |
| Influenza -                                | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Accidents of Childbirth -               | 4.3              | 5   | -  | -         | -    | 5     | -                | -                | -                |                       | Diseases of Locomotive System † -                     | 9.3   | 4   | 1  | -  | 1 | -  | -  | 2  | - |
| Whooping-cough -                           | 58.2  | 34   | 15        | 19   | -     | -                | -                | -                | -                     |  | Diseases of Integumentary System -      | 5.1              | 4   | 1  | -         | 1    | -     | 1                | 1                | -                |                       | VIOLENT DEATHS. ‡                                     |       |     |    |    |   |    |    |    |   |
| Diphtheria -                               | 15.7  | 18   | -         | 12   | 3     | 3                | -                | -                | -                     |  | ACCIDENT.)                              |                  |   |  |           |      |       |                  |                  |                  |                       | Fracture and Contusion -                              | 19.2  | 13  | -  | 1  | 7 | 2  | 4  | 4  | - |
| Simple Continued and Ill-defined Fever -   | 1.9   | 1  | -         | -    | 1     | -                | -                | -                | -                     |  | Gunsnot Wound -                         | 0.0              | -   | -  | -         | -    | -     | -                | -                | -                |                       | Cut, Stab -   | 0.1   | 1   | -  | -  | - | 1  | -  | -  | - |
| Enteric Fever -                            | 11.2  | 8  | -         | -    | 2     | 5                | 1                | -                | -                     |  | Burn and Scald -                        | 3.7              | 10  | -  | 2         | 1    | 4     | 3                | 1                | -                |                       | Poison -  | 0.8   | 1   | -  | -  | - | 3  | 4  | 1  | - |
| Cholera -                                  | 0.8   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Drowning -                              | 9.8              | 12  | -  | -         | 3    | 4     | 1                | -                | -                |                       | Suffocation -   | 8.5   | 12  | 11 | -  | - | 1  | -  | -  | - |
| Diarrhoea, Dysentery -                     | 27.4  | 16   | 10        | 3    | -     | -                | -                | 2                | 1                     |  | Otherwise -                             | 2.2              | 4   | 2  | -         | -    | 1     | 1                | -                | -                |                       | (HOMICIDE.)   |       |     |    |    |   |    |    |    |   |
| Remittent Fever † -                        | 0.4   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Murder & Manslaughter                   | 1.7              | 3   | 1  | -         | -    | -     | 1                | 1                | -                |                       | (SUICIDE.)  |       |     |    |    |   |    |    |    |   |
| Hydrophobia -                              | 0.3   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Gunshot Wound -                         | 0.8              | 2   | -  | -         | -    | 1     | 1                | -                | -                |                       | Gunshot Wound -                                       | 0.8   | 2   | -  | -  | - | 1  | 1  | -  | - |
| Glanders -                                 | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Cut, Stab -                             | 1.2              | 2   | -  | -         | -    | -     | 1                | 1                | -                |                       | Poison -  | 1.6   | 5   | -  | -  | - | 2  | 2  | 1  | - |
| Cowpox and Effects of Vaccination † -      | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |  | Poison -                                | 1.6              | 5   | -  | -         | -    | 2     | 2                | 1                | -                |                       | Drowning -  | 1.5   | 2   | -  | -  | - | -  | -  | -  | - |
| Veneral Affections -                       | 9.5   | 6  | 2         | -    | -     | 2                | -                | 2                | -                     |  | Hanging -                               | 2.2              | 3   | -  | -         | -    | 1     | -                | 2                | -                |                       | Otherwise -   | 0.4   | -   | -  | -  | - | -  | -  | -  | - |
| Erysipelas -                               | 4.3   | 7  | 1         | -    | 1     | -                | 2                | 3                | -                     |  | (EXECUTION.)                            |                  |   |  |           |      |       |                  |                  |                  |                       | Hanging -   | 0.0   | -   | -  | -  | - | -  | -  | -  | - |
| Pyæmia and Septicæmia †                    | 3.0   | -  | -         | -    | -     | -                | -                | -                | -                     |  | OTHER CAUSES † -                        | 57.4             | 39  | 32   | 3         | -    | 2     | 1                | 1                | -                |                       |   |       |     |    |    |   |    |    |    |   |
| Puerperal Fever -                          | 3.8   | 3  | -         | -    | 3     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Other Zymotic Diseases †                   | 2.3   | 2  | 1         | -    | -     | -                | -                | 1                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Thrush -                                   | 2.5   | 1  | 1         | -    | -     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Worms and other Parasitical Diseases -     | 0.1   | 1  | -         | 1    | -     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Starvation, Want of Breast-milk † -        | 0.7   | -  | -         | -    | -     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Alcoholism -                               | 6.0   | 5  | -         | -    | -     | 1                | 4                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Rheumatic Fever, Rheumatism of Heart †     | 8.6   | 8  | -         | -    | 2     | 3                | 1                | 2                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Rheumatism †                               | 1.9   | 2  | -         | -    | -     | -                | 1                | 1                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Gout -                                     | 3.3   | 2  | -         | -    | -     | -                | -                | 1                | 1                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Rickets †                                  | 5.6   | 5  | 1         | 4    | -     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Cancer -                                   | 48.9  | 57   | -         | 1    | -     | 8                | 24               | 23               | 1                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Tabes Mesenterica                          | 23.3  | 16   | 7         | 5    | 2     | 1                | 1                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Tubercular Meningitis                      | 29.9  | 20   | 9         | 9    | 2     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Phthisis -                                 | 168.5   | 119  | 1         | 2    | 13    | 53               | 33               | 9                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Serofula, Tuberculosis                     | 16.1  | 19   | 4         | 3    | 7     | 2                | 3                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Other Constitutional Diseases †            | 9.7   | 8  | 1         | -    | -     | 3                | 3                | 1                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Premature Birth -                          | 85.8  | 34   | 34        | -    | -     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Atelectasis † -                            | 2.6   | 6  | 6         | -    | -     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Congenital Malformations -                 | 6.5   | 4  | 4         | -    | -     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Old Age -                                  | 44.8  | 37   | -         | -    | -     | -                | -                | 16               | 21                    |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Apoplexy -                                 | 43.0  | 23   | -         | 1    | -     | 3                | 9                | 14               | 1                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Epilepsy -                                 | 7.5   | 8  | -         | 1    | 1     | 1                | 2                | 3                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Convulsions -                              | 47.9  | 35   | 28        | 7    | -     | -                | -                | -                | -                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |
| Other Diseases of Brain and Nervous System | 83.1  | 76   | 8         | 16   | 7     | 9                | 9                | 21               | 6                     |  |   |                  |   |  |           |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |           | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Deaths during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |  | Deaths in Public<br>Institutions. |
|---|-----------|--|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----|--|-----------------------------------|
|   |           |  |                                     |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |     |  |                                   |
|   |           |  |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Euteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |     |  |                                   |
| LONDON . . . . .  | 3,815,704 | 2399   | 1167                                | 251                                 | 280                                       | -                                   | -           | 21       | 10             | 13          | 34              | -       | 8                              | 1                            | 16         | 71        | 103            | 313 |  |                                   |
| WEST DISTRICTS . . . . .  | 669,838   | 864  | 199                                 | 39                                  | 62  | -                                   | -           | 8        | 1              | 4           | 3               | -       | -                              | -                            | 2          | 11        | 15             | 67  |  |                                   |
| NORTH DISTRICTS . . . . .   | 905,947   | 549  | 269                                 | 78                                  | 53  | -                                   | -           | 9        | 4              | 5           | 8               | -       | 2                              | 1                            | 9          | 16        | 22             | 46  |  |                                   |
| CENTRAL DISTRICTS . . . . .   | 282,238   | 144  | 81                                  | 18                                  | 14  | -                                   | -           | -        | 1              | 2           | 9               | -       | 2                              | -                            | -          | 7         | 10             | 30  |  |                                   |
| EAST DISTRICTS . . . . .  | 692,738   | 469  | 213                                 | 43                                  | 55  | -                                   | -           | 6        | 4              | -           | 4               | -       | -                              | -                            | 2          | 14        | 97             | 60  |  |                                   |
| SOUTH DISTRICTS . . . . .   | 1,265,143 | 873  | 405                                 | 78                                  | 96  | -                                   | -           | 8        | 9              | 7           | 17              | -       | 4                              | -                            | 3          | 23        | 29             | 109 |  |                                   |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -         | -  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| WEST DISTRICTS.   |           |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |  |                                   |
| St. Mary Paddington WHH G.J. & W.M.   | 59688     | 35   | 15                                  | 8                                   | 3   | -                                   | -           | -        | 1              | -           | -               | 1       | -                              | -                            | -          | -         | 1              | 2   |  |                                   |
| St. John Paddington H - - G.J.  | 37330     | 8  | 14                                  | -                                   | 5   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 4         | 4              | 12  |  |                                   |
| Kensington Town W - - - W.M.  | 120141    | 63   | 39                                  | 9                                   | 15  | -                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 1              | 13  |  |                                   |
| Brompton EH - - - W.M. & C.   | 43010     | 16   | 9                                   | 1                                   | 4   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   |  |                                   |
| St. Peter Hammersmith - - W.M.  | 7499      | 2  | 1                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| St. Paul Hammersmith H W.M. & G.J.  | 64340     | 37   | 18                                  | 4                                   | 6   | -                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | 1          | -         | -              | 2   |  |                                   |
| Fulham W - - - W.M. & C.  | 42900     | 58   | 21                                  | 8                                   | 4   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | 4              | 4   |  |                                   |
| Chelsea South HHH - - - C.  | 50394     | 18   | 10                                  | 2                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 6   |  |                                   |
| Chelsea North-west WHHHH - - C.   | 24925     | 15   | 20                                  | 2                                   | 4   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 10             | -   |  |                                   |
| Chelsea North-east - - - C.   | 32807     | 29   | 7                                   | 5                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| May Fair W - - - G.J.   | 36353     | 13   | 6                                   | -                                   | 6   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 5   |  |                                   |
| Belgrave WHHH - - - C.  | 59220     | 24   | 22                                  | -                                   | 5   | -                                   | -           | 1        | 2              | -           | -               | -       | -                              | -                            | -          | -         | -              | 8   |  |                                   |
| St. John Westminster HHH - - C.   | 35496     | 16   | 5                                   | 3                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -              | -   |  |                                   |
| St. Margaret Westminster H - C.   | 24679     | 9  | 5                                   | 2                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 2         | -              | -   |  |                                   |
| St. James Westminster WHH N.R. & G.J.                                       | 29941     | 11   | 3                                   | -                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -   |  |                                   |
| St. Anne Soho HHHHHH - N.R.   | 16608     | 10   | 4                                   | -                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   |  |                                   |
| NORTH DISTRICTS.  |           |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |  |                                   |
| All Souls Marylebone HHHH - W.M.  | 26759     | 16   | 7                                   | 2                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   |  |                                   |
| Canvish Square HHHH - - W.M.  | 14891     | 8  | 4                                   | 1                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| Rectory Marylebone WH G.J. & W.M.   | 24699     | 11   | 3                                   | 1                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| Gray's Inn Lane HHH - - N.R.  | 21118     | 58   | 9                                   | 2                                   | 1   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 5          | 5         | -              | -   |  |                                   |
| St. Mary Marylebone HHH G.J. & W.M.   | 33700     | 18   | 6                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | -   |  |                                   |
| Christchurch Marylebone H - W.M.  | 33700     | 18   | 6                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| St. John Marylebone H - W.M.  | 33633     | 17   | 5                                   | 1                                   | 2   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| Hampstead W - - - N.R. & W.M.   | 45482     | 25   | 12                                  | 1                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4              | -   |  |                                   |
| Regent's Park Pancras H - - W.M.  | 39115     | 16   | 9                                   | 1                                   | -   | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 2          | 3         | -              | -   |  |                                   |
| Tottenham-court WHHHH N.R. & W.M.   | 27729     | 10   | 14                                  | 1                                   | 1   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 11             | -   |  |                                   |
| Gray's Inn Lane HHH - - N.R.  | 30247     | 14   | 6                                   | 1                                   | 2   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| Somers Town H - - N.R.  | 34369     | 30   | 9                                   | 5                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | -   |  |                                   |
| Camden Town WH - - N.R.   | 17311     | 8  | 8                                   | 1                                   | 3   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 2          | 2         | 4              | -   |  |                                   |
| Kentish Town W - - N.R.   | 87487     | 54   | 21                                  | 10                                  | 2   | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | 2          | 1         | 4              | 1   |  |                                   |
| Upper Holloway WFWH - - N.R.  | 67946     | 44   | 30                                  | 5                                   | 10  | -                                   | -           | -        | -              | 1           | 2               | -       | -                              | -                            | 1          | 1         | 1              | 12  |  |                                   |
| Islington South-west HH - - N.R.  | 100676    | 61   | 31                                  | 16                                  | 2   | -                                   | -           | 1        | 1              | 2           | -               | -       | -                              | -                            | 1          | 3         | 4              | 1   |  |                                   |
| Islington South-east - - N.R.   | 61835     | 30   | 20                                  | 7                                   | 5   | -                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | 1          | -         | -              | -   |  |                                   |
| Highbury H - - N.R.   | 52048     | 32   | 14                                  | 5                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | 1          | 1         | 1              | -   |  |                                   |
| Stoke Newington H - - N.R.  | 22781     | 13   | 6                                   | 1                                   | 3   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -              | -   |  |                                   |
| Stamford Hill - - E.L.  | 9277      | 6  | 4                                   | 1                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| West Hackney - - N.R.   | 37610     | 25   | 11                                  | 3                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -   |  |                                   |
| Hackney WFWH - - E.L. & N.R.  | 76911     | 59   | 27                                  | 8                                   | 1   | -                                   | -           | 5        | 2              | 2           | -               | -       | -                              | -                            | -          | -         | 2              | 7   |  |                                   |
| South Hackney - - E.L.  | 39883     | 29   | 13                                  | 4                                   | 3   | -                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | -              | -   |  |                                   |
| CENTRAL DISTRICTS.  |           |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |  |                                   |
| St. George Bloomsbury - - N.R.  | 16681     | 7  | 4                                   | 1                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| St. Giles South WH - - N.R.   | 14864     | 5  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| St. Giles North - - N.R.  | 13837     | 4  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508     | 4  | 7                                   | -                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4              | -   |  |                                   |
| St. Mary-le-Strand H - - N.R.   | 7515      | 2  | 2                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| St. Clement Danes H - - N.R.  | 8559      | 4  | 3                                   | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | -   |  |                                   |
| Strand Union Workhouse, Edmonton w.   | -         | -  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| St. Geo. the Martyr HHHHHH N.R.   | 18671     | 10   | 9                                   | 3                                   | -   | -                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | -          | 1         | 5              | -   |  |                                   |
| St. Andrew Eastern W - - N.R.   | 10706     | 5  | 3                                   | 1                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -   |  |                                   |
| Saffron Hill H - - N.R.   | 6538      | 3  | 1                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -   |  |                                   |
| St. James Clerkenwell - - N.R.  | 17516     | 9  | 2                                   | -                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| Amwell Clerkenwell - - N.R.   | 19281     | 15   | 3                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | -   |  |                                   |
| Pentonville - - N.R.  | 14773     | 10   | 1                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| Goodwell-street - - N.R.  | 17606     | 17   | 8                                   | 1                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | -   |  |                                   |
| Old-street H - - N.R.   | 11541     | 4  | 3                                   | -                                   | 1   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| City-road HHL - - N.R.  | 18628     | 21   | 10                                  | 5                                   | 2   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | -   |  |                                   |
| Whitecross-street - - N.R.  | 9917      | 5  | 4                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| Finchbury - - N.R.  | 7463      | 3  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| Holborn Union Workhouse, Mitcham, w.  | -         | -  | -                                   | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -   |  |                                   |
| St. Botolph H - - N.R. & E.L.   | 11174     | 4  | 2                                   | -                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   |  |                                   |
| Cripplegate - - N.R.  | 7193      | 5  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| St. Sepulchre H - - N.R.  | 5358      | -  | 14                                  | -                                   | -   | -                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | 1          | 1         | 13             | -   |  |                                   |
| St. Bride W - - N.R.  | 8396      | 5  | 1                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |  |                                   |
| Allhallows Barking - - N.R.   | 13666     | 2  | 5                                   | 2                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | 3              | -   |  |                                   |
| Broad Street H - - N.R.   | 5652      | -  | 2                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | -   |  |                                   |

NOTE.—The italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *W*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies Grand Junction Company; *W.M.* West Middle ex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London; and *K.* the Kent Company.

| REGISTRATION          |             | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           |   | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
|-----------------------|-------------|--|--|--|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|---|----------------|-----------------------------------|---------------------------------|
| SUB-DISTRICTS.        |             |  |  |  | Deaths from                     |                                     |            |          |                |             |                 |         |                                |                              |            |           |   |                |                                   |                                 |
|                       |             |  |  |  | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |   |                |                                   |                                 |
| EAST DISTRICTS.       |             |  |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |   |                |                                   |                                 |
| Lywell Shoreditch     | N.R. & E.L. | 7376   | 7                                      | 5                                      | -                               | -                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | - |                |                                   |                                 |
| Leonard Shoreditch    | HL*         | 14667  | 4                                      | 4                                      | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | - |                |                                   |                                 |
| rixton New Town       | N.R.        | 29937  | 19                                     | 15                                     | 8                               | 7                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 6         | - |                |                                   |                                 |
| rixton Old Town       | N.R.        | 28036  | 16                                     | 1                                      | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | 2          | 5         | - |                |                                   |                                 |
| aggerston WH          | N.R. & E.L. | 46275  | 26                                     | 15                                     | 1                               | 7                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |                |                                   |                                 |
| ackney-road H         | E.L.        | 29738  | 21                                     | 10                                     | 3                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | - |                |                                   |                                 |
| en, Bethnal Green     | WHL*        | 47532  | 36                                     | 15                                     | 3                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 2          | 5         | - |                |                                   |                                 |
| urgh, Bethnal Green   | E.L.        | 29681  | 31                                     | 8                                      | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | - |                |                                   |                                 |
| wn, Bethnal Green     | E.L.        | 19810  | 16                                     | 6                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | - |                |                                   |                                 |
| Halfields             | E.L. & N.R. | 22685  | 8                                      | 2                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |                |                                   |                                 |
| le End New Town       | W           | 15473  | 10                                     | 4                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | - |                |                                   |                                 |
| hitechapel Church     | H           | 17490  | 10                                     | 10                                     | 4                               | 3                                   | -          | -        | -              | -           | -               | -       | 6                              | 7                            | 15         | -         | - |                |                                   |                                 |
| odman's Fields        | E.L.        | 5713   | 5                                      | 2                                      | 1                               | -                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | - |                |                                   |                                 |
| dgate                 | N.R. & E.L. | 6102   | 5                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |                |                                   |                                 |
| George's, North       | E.L.        | 28747  | 58                                     | 11                                     | 6                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | 1                            | 1          | 2         | - |                |                                   |                                 |
| John, St. George East | W           | 8410   | 7                                      | 6                                      | 1                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | 1                            | 2          | -         | - |                |                                   |                                 |
| adwell HH             | E.L. & N.R. | 16095  | 7                                      | 6                                      | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | 1                            | 1          | 3         | - |                |                                   |                                 |
| atehill               | E.L.        | 16107  | 8                                      | 4                                      | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |                |                                   |                                 |
| mehouse               | E.L.        | 32041  | 17                                     | 4                                      | -                               | -                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | - |                |                                   |                                 |
| le End Old Town West  | E.L.        | 27680  | 20                                     | 10                                     | 3                               | 1                                   | -          | 2        | 1              | -           | -               | -       | 1                              | 2                            | 1          | -         | - |                |                                   |                                 |
| le End Old Town East  | WHL & E.L.  | 67653  | 54                                     | 15                                     | 4                               | 1                                   | -          | 1        | 1              | -           | -               | -       | 1                              | 2                            | 2          | 1         | - |                |                                   |                                 |
| ow                    | E.L.        | 37074  | 59                                     | 7                                      | 2                               | 2                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | - |                |                                   |                                 |
| romley WWH            | E.L.        | 64399  | 42                                     | 31                                     | 4                               | 11                                  | -          | -        | -              | -           | -               | -       | 1                              | 4                            | 15         | -         | - |                |                                   |                                 |
| oplar WWH             | E.L.        | 55077  | 24                                     | 12                                     | 2                               | 1                                   | -          | -        | 1              | -           | -               | -       | 1                              | 2                            | 2          | -         | - |                |                                   |                                 |
| SOUTH DISTRICTS.      |             |  |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |   |                |                                   |                                 |
| riethchurch Southwark | WH          | 15663  | 7                                      | 7                                      | -                               | 5                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 5         | - |                |                                   |                                 |
| Saviour Southwark     | S.          | 14999  | 9                                      | 2                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |                |                                   |                                 |
| ent-road              | S. & L.     | 21281  | 11                                     | 8                                      | 2                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                              |                              |            |           |   |                |                                   |                                 |

[illegible]



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 16th June, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>Inclu-<br>ding<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enume-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |                 |                 |        |            |           |                |                                   |                                   |
|---|----------------------------------|--|--|---------|---------|---|-------------------------------------|-------------|----------|----------------|-----------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|-----------------------------------|
|   |                                  |  |  |         |         | Deaths of                                 |                                     | Deaths from |          |                |                 |                 |        |            |           |                |                                   |                                   |
|   |                                  |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria, &c. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Deaths in Public<br>Institutions. |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957                                      | 718     | 271     | 41  | 76                                  | -           | 1        | 6              | 6               | 8               | 5      | 2          | 12        | 15             | 23                                |                                   |
| 30: 1   | Carshalton <i>wL</i> -           | 12228  | 21118  | 15      | 2       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710  | 5       | 1       | 1   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 37: 1   | Goldstone (part of)* -           | 2754   | 1235   | 1       | 1       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 38: 1   | Croydon <i>WwHHL</i> -           | 20861  | 101241                                       | 55      | 26      | 3   | 10                                  | -           | -        | -              | -               | -               | -      | -          | 2         | 3              | 2                                 |                                   |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17932  | 7       | 6       | -   | 3                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 39: 1   | Wimbledon <i>HHH</i> -           | 3220   | 15950  | 8       | 1       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354  | 13      | 9       | -   | 4                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | 3                                 |                                   |
| 3   | Esher (part of)* -               | 6801   | 9221   | 2       | 2       | 1   | 1                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 4   | Hampton <i>H</i> -               | 4573   | 13539  | 3       | 5       | 1   | 3                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 40: 1   | Richmond <i>WH</i> -             | 2272   | 21302  | 9       | 8       | 1   | 3                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | 3                                 |                                   |
| 2   | Mortlake -                       | 2911   | 12331  | 7       | 7       | 2   | 1                                   | -           | -        | -              | -               | -               | -      | -          | 3         | 3              | -                                 |                                   |
| 41: 1   | Bromley (pt. of)* <i>HH</i>      | 15669  | 31142  | 19      | 7       | 1   | 1                                   | -           | -        | -              | -               | -               | -      | -          | 1         | 1              | -                                 |                                   |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844  | 6       | 1       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 42: 1   | Bexley <i>H</i> -                | 13437  | 24134  | 15      | 9       | 3   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 124: 1  | Sunbury <i>w</i> -               | 11055  | 11685  | 8       | 4       | -   | 1                                   | -           | -        | -              | -               | -               | -      | -          | 2         | 2              | -                                 |                                   |
| 2   | Staines <i>W</i> -               | 13277  | 12089  | 11      | 3       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | 1         | 1              | -                                 |                                   |
| 125: 1  | Hillingdon <i>WHH</i> -          | 6029   | 10802  | 6       | 5       | -   | 3                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | 3                                 |                                   |
| 2   | Uxbridge -                       | 6178   | 3225   | 2       | 2       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 3   | Hayes <i>wHL</i> -               | 14537  | 11523  | 10      | 2       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | 1                                 |                                   |
| 126: 1  | Isleworth <i>WHH</i> -           | 7008   | 22727  | 14      | 6       | -   | 1                                   | -           | -        | -              | -               | -               | -      | -          | -         | 1              | 2                                 |                                   |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479  | 8       | 2       | -   | 1                                   | -           | -        | -              | -               | -               | -      | -          | 1         | 1              | -                                 |                                   |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649  | 9       | 5       | 1   | -                                   | -           | -        | -              | -               | -               | 1      | -          | -         | 1              | -                                 |                                   |
| 4   | Chiswick -                       | 1340   | 15975  | 7       | 6       | 1   | 2                                   | -           | 1        | -              | -               | 2               | -      | -          | 1         | 1              | -                                 |                                   |
| 5   | Acton <i>wH</i> -                | 6083   | 22376  | 12      | 4       | 1   | 1                                   | -           | -        | -              | -               | 1               | -      | -          | -         | -              | -                                 |                                   |
| 127: 1  | Harrow <i>H</i> -                | 13809  | 12796  | 12      | 2       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 2   | Edgware <i>H</i> -               | 6994   | 3749   | 5       | -       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 3   | Willesden -                      | 4383   | 27453  | 32      | 10      | -   | 5                                   | -           | -        | -              | -               | 1               | -      | -          | -         | -              | -                                 |                                   |
| 4   | Hendon <i>W</i> -                | 8332   | 10484  | 9       | 5       | 2   | 2                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 128: 1  | South Mimms -                    | 15599  | 6391   | 3       | -       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 2   | Barnet -                         | 5433   | 10092  | 7       | 5       | -   | 3                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | 3                                 |                                   |
| 3   | Finchley <i>HL</i> -             | 4688   | 17615  | 13      | 4       | -   | 3                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | 2                                 |                                   |
| 129: 1  | Hornsey <i>H</i> -               | 3039   | 37078  | 26      | 9       | 1   | 5                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456  | 62      | 17      | 6   | 2                                   | -           | -        | -              | 1               | -               | -      | 2          | -         | -              | 1                                 |                                   |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23463  | 23      | 8       | 3   | 3                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | 2                                 |                                   |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104  | 36      | 4       | 1   | 1                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 5   | Waltham Abbey -                  | 11017  | 3368   | 3       | 3       | -   | 1                                   | -           | -        | -              | -               | 1               | -      | -          | -         | -              | -                                 |                                   |
| 6   | Cheshunt -                       | 8490   | 7735   | 7       | 2       | -   | 1                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 135: 1  | Hatfield (part of)* -            | 3306   | 583  | -       | -       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 137: 1  | Bushey -                         | 9331   | 6621   | -       | 1       | -   | -                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 186: 1  | Stratford -                      | 882  | 38606  | 27      | 11      | 1   | 3                                   | -           | -        | 1              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 2   | West Ham <i>wvwH§</i> -          | 7351   | 101053                                       | 108     | 34      | 5   | 7                                   | -           | -        | 4              | 3               | -               | 2      | -          | 1         | 1              | -                                 |                                   |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430  | 32      | 15      | -   | 2                                   | -           | -        | -              | -               | 1               | 1      | -          | -         | -              | 4                                 |                                   |
| 4   | Walthamstow <i>H</i> -           | 6520   | 28663  | 41      | 9       | 4   | 1                                   | -           | -        | -              | 2               | 1               | -      | -          | -         | -              | -                                 |                                   |
| 187: 1  | Chigwell (part of)* <i>H</i>     | 11731  | 9639   | 7       | 3       | 2   | -                                   | -           | -        | -              | -               | 2               | -      | -          | -         | -              | -                                 |                                   |
| 189: 1  | Romford (part of)* -             | 6730   | 3411   | 1       | 1       | -   | 1                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 2   | Ilford -                         | 8493   | 7645   | 5       | 2       | -   | 1                                   | -           | -        | -              | -               | -               | -      | -          | -         | -              | -                                 |                                   |
| 3   | Barking Town -                   | 4127   | 9203   | 7       | 2       | -   | -                                   | -           | -        | 1              | -               | -               | -      | -          | -         | -              | -                                 |                                   |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Waringham and Farley in Goldstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

§ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 16th June, 1888.

| THE GREATER LONDON. | Area in Acres, including tidal water and foreshore. | Estimated Population, middle of 1888. | ANNUAL RATE of MORTALITY per 1000 living. |                              | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |        |            |           |                                |  |
|---------------------|---|---------------------------------------|---|------------------------------|-------------------------|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|--------------------------------|--|
|                     |   |                                       | From All Causes.                          | From Diseases in Cols. 8-14. |                         | Deaths of                                 |                                    | Deaths from |          |                |             |                 |        |            |           | Deaths in Public Institutions. |  |
|                     |   |                                       |   |                              |                         | Infants under 1 Year of Age.              | Persons aged 69 Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |                                |  |
| Cols.               | 1.  | 2.                                    | 3.  | 4.                           | 5.                      | 6.  | 7.                                 | 8.          | 9.       | 10.            | 11.         | 12.             | 13.    | 14.        | 15.       | 16.                            |  |
| GREATER LONDON      | 448,334   | 5,527,883                             | 13·6                                      | 1·4                          | 1438                    | 292                                       | 356                                | -           | 22       | 25             | 24          | 42              | 14     | 18         | 83        | 338                            |  |
| INNER LONDON -      | 77,410  | 4,282,921                             | 14·2                                      | 1·4                          | 1167                    | 251                                       | 239                                | -           | 21       | 19             | 18          | 34              | 9      | 16         | 71        | 312                            |  |
| OUTER RING -        | 370,924   | 1,244,965                             | 11·4                                      | 1·2                          | 271                     | 41  | 76                                 | -           | 1        | 6              | 6           | 8               | 5      | 2          | 12        | 26                             |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,287,049 Persons.

| CITIES.                             | POPULATION (enumerated or estimated). | DATE OF RETURN. | BIRTHS.      | DEATHS.    | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                          |
|-------------------------------------|---------------------------------------|-----------------|--------------|------------|------------------------------------|---|
|                                     |                                       | Week ending     | Exclusive of | Stillborn. |                                    |   |
| CALCUTTA - -                        | 433,219                               | May 12          | -            | 233        | 23·4                               | Fevers 64; cholera 53.                                  |
| BOMBAY - -                          | 773,196                               | " 22            | 306          | 424        | 25·0                               | Fevers 139; cholera 13; small-pox 10.                   |
| MADRAS - -                          | 398,777                               | " 11            | -            | -          | -                                  | -   |
| PARIS - - -                         | 2,260,945                             | June 9          | 1167         | 962        | 22·1                               | Diph. & crp. 34; typh. fev. 8; sm. pox 8; meas. 26.     |
| BRUSSELS - -<br>(with 8 Faubourgs.) | 462,069                               | " 9             | 269          | 190        | 21·4                               | Typhus & typhd. fev. 2; diphtheria 2.                   |
| AMSTERDAM -                         | 590,016                               | " 9             | 295          | 154        | 23·5                               | Diphtheria 2; whooping-cough 4.                         |
| ROTTERDAM -                         | 193,658                               | " 9             | 116          | 65         | 22·5                               | -   |
| THE HAGUE -                         | 149,477                               | " 9             | 95           | 43         | 16·6                               | -   |
| COPENHAGEN -                        | 300,000                               | May 29          | 226          | 124        | 21·6                               | Diphtheria 6; scarlet fev. 2; wh.-cough 7.              |
| STOCKHOLM -                         | 221,549                               | June 2          | 138          | 82         | 19·2                               | Scar. fever 6; whooping-cough 5.                        |
| CHRISTIANIA -                       | 134,900                               | " 9             | 74           | 61         | 23·4                               | Diphtheria and croup 11.                                |
| ST. PETERSBURG                      | 928,016                               | " 2             | -            | 671        | 37·7                               | Typ. & tpd. fev. 17; meas. 57; sc. fev. 14; diph. 12.   |
| BERLIN - -                          | 1,413,603                             | May 26          | 858          | 495        | 18·2                               | Diphtheria and croup 19; sc. iv. 2; typ. & tpd. fev. 2. |
| HAMBURG (State)                     | 529,091                               | June 2          | 389          | 263        | 25·6                               | Diphtheria and croup 9; scar. fev. 2; meas. 26.         |
| DRESDEN - -                         | 259,142                               | May 26          | 152          | 101        | 20·3                               | Diphtheria and croup 4.                                 |
| BRESLAU - -                         | 313,451                               | June 2          | 205          | 162        | 26·9                               | Diphtheria and croup 5; diarrhoeal dis. 20.             |
| MUNICH - -                          | 275,000                               | " 2             | 169          | 159        | 30·1                               | Diphtheria and croup 3; sc. iv. 2; diarr. dis. 31.      |
| VIENNA - -                          | 801,836                               | " 2             | 561          | 471        | 33·6                               | Scar. fev. 7; small-pox 2; measles 8.                   |
| PRAGUE - -                          | 295,857                               | " 2             | -            | 224        | 39·5                               | Small-pox 13; meas. 20; diph. 7; tp. & tpd. iv. 6.      |
| BUDA-PESTH -                        | 442,787                               | " 2             | 316          | 276        | 32·4                               | Diphtheria 4; tpd. fev. 2; diarrhoeal diseases 30.      |
| TRIESTE - -                         | 156,042                               | " 2             | -            | 73         | 24·3                               | Diphtheria and croup 2; whooping-cough 2.               |
| ROME - - -                          | 382,973                               | May 5           | -            | -          | -                                  | -   |
| TURIN (10 days)                     | 294,826                               | " 10            | 205          | 179        | 22·2                               | Diph. 10; scar. fever 3; measles 3.                     |
| VENICE - -                          | 150,502                               | June 2          | 74           | 68         | 23·6                               | Diarrhoeal diseases 8.                                  |
| CAIRO - - -                         | 374,338                               | May 24          | 361          | 328        | 45·7                               | Typd. fev. 19; diarr. dis. 119; whooping-cough 6.       |
| ALEXANDRIA -                        | 231,396                               | " 24            | 189          | 138        | 31·1                               | Diarrhoeal diseases 27.                                 |
| NEW YORK - -                        | 1,493,000                             | " 26            | -            | 703        | 24·6                               | Diph. 61; scar. fever 31; small-pox 4.                  |
| BROOKLYN - -                        | 774,870                               | " 26            | -            | 281        | 13·9                               | Diph. 23; scar. fever 15; croup 4.                      |
| PHILADELPHIA -                      | 1,016,753                             | " 26            | -            | 370        | 19·0                               | Diph. 6; typhd. fev. 13; sm.-px. 3.                     |
| BALTIMORE - -                       | 437,155                               | " 26            | -            | 128        | 15·3                               | Measles 3.  |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 16TH JUNE, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888. | MONTH AND DAY. | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | TEMPERATURE. |  | 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## GENERAL REMARKS.

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the mean daily value of temperature of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glasher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; v. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.80 in. at the beginning of the week to 29.94 in.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

Printed under the Superintendence of Her Majesty's Stationary Office,  
AND SOLD BY EYRE AND SPOTTISWOODE, 9, EAST HARDING ST., FETTER LANE, E.C.

No. 25. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JUNE 23. [Price 1½d.

General Register Office, Somerset House,  
25th June, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 15·5 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |         |          |          | TOWNS.             | Weeks ending |         |          |          |
|--------------|--------------|---------|----------|----------|--------------------|--------------|---------|----------|----------|
|              | June 2.      | June 9. | June 16. | June 23. |                    | June 2.      | June 9. | June 16. | June 23. |
| Birkenhead   | 14·6         | 12·5    | 9·9      | 10·4     | Liverpool -        | 19·2         | 14·8    | 15·7     | 16·0     |
| Birmingham   | 17·9         | 19·5    | 14·0     | 14·3     | London -           | 16·1         | 14·9    | 14·2     | 14·5     |
| Blackburn -  | 22·4         | 22·4    | 23·2     | 18·9     | Manchester -       | 25·7         | 25·0    | 27·9     | 22·5     |
| Bolton -     | 15·2         | 22·1    | 22·1     | 23·4     | Newcastle-on-Tyne* | 20·3         | 12·8    | 24·6     | 19·7     |
| Bradford*    | 14·3         | 14·3    | 17·5     | 12·5     | Norwich -          | 19·5         | 22·3    | 20·1     | 12·8     |
| Brighton -   | 14·3         | 15·7    | 12·6     | 18·7     | Nottingham*        | 18·3         | 12·9    | 19·4     | 9·9      |
| Bristol -    | 15·2         | 18·2    | 17·0     | 12·4     | Oldham -           | 19·6         | 17·4    | 22·7     | 18·1     |
| Cardiff*     | 16·8         | 14·9    | 16·3     | 15·9     | Plymouth -         | 18·1         | 15·4    | 12·1     | 23·5     |
| Derby -      | 13·0         | 13·6    | 10·3     | 14·1     | Portsmouth -       | 18·7         | 15·0    | 16·8     | 11·6     |
| Halifax -    | 18·9         | 18·9    | 23·4     | 16·3     | Preston -          | 23·7         | 17·7    | 23·7     | 24·3     |
| Huddersfield | 18·8         | 22·3    | 19·4     | 16·6     | Salford*           | 17·1         | 19·1    | 18·7     | 21·4     |
| Hull -       | 19·1         | 14·7    | 17·0     | 15·0     | Sheffield -        | 21·4         | 18·0    | 15·6     | 15·7     |
| Leeds -      | 20·1         | 15·5    | 18·0     | 15·0     | Sunderland         | 15·8         | 18·2    | 15·4     | 16·2     |
| Leicester*   | 16·0         | 16·4    | 10·7     | 17·8     | Wolverhampton -    | 24·9         | 16·6    | 19·8     | 16·6     |

The highest annual death-rates, measured by last week's mortality, were: from scarlet fever, 1·0 in Cardiff; from whooping-cough, 1·2 in Salford, 1·3 in Blackburn and in Newcastle-upon-Tyne, 1·4 in Leicester, and 2·2 in Derby; from "fever" 1·0 in Preston and 1·1 in Huddersfield. The death-rate from measles did not reach 1·0 per 1000 in any of the twenty-eight towns. The 29 deaths from diphtheria in these towns included 15 in London, 2 in Leicester, 2 in Salford, and 2 in Leeds. Small-pox caused 5 deaths in Sheffield, one in Leeds, 2 in Preston, and one in Manchester, but not one in any of the twenty-three other great provincial towns, or in London.

## LONDON.

In LONDON† 2534 BIRTHS and 1190 DEATHS were registered. Allowing for increase of population, the births were 176, and the deaths 256, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been so low as 14·9 and 14·2 in the preceding two weeks, was 14·5 last week, and lower than in any week (with the exception of the previous week) since September last. During the first twelve weeks of the

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last inter-censal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



current quarter the death-rate averaged 17.1 per 1,000, and was 2.9 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1190 deaths included 18 from measles, 10 from scarlet fever, 15 from diphtheria, 33 from whooping-cough, 15 from enteric fever, 18 from diarrhoea and dysentery, and not one from small-pox, typhus, any ill-defined form of continued fever, or cholera; thus, 109 deaths were referred to these diseases, being no fewer than 138 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 22. There was only one patient under treatment for this disease in the Metropolitan Asylum Hospitals, and none in the Highgate Small-pox Hospital, on Saturday last. The deaths from *measles*, which had declined from 25 to 21 in the preceding two weeks, further fell to 18 last week, and were 53 below the corrected average; 3 belonged to Islington sanitary area. The fatal cases of *scarlet fever*, which had been 19, 23, and 19 in the previous three weeks, fell last week to 10, and were 19 below the corrected average; 3 belonged to Westminster sanitary area. At the end of the week the Metropolitan Asylum Hospitals and the London Fever Hospital contained 895 scarlet fever patients, against 928 and 904 on the preceding two Saturdays; 81 cases were admitted during the week, against 102 and 72 in the previous two weeks. The deaths from *diphtheria*, which had declined from 26 to 18 in the preceding three weeks, further fell to 15 last week, and corresponded with the corrected average; 3 belonged to Paddington, 2 to Hackney, and 2 to Lambeth sanitary areas. The deaths from *whooping-cough*, which had numbered 33 and 34 in the preceding two weeks, were 33 last week, and 26 below the corrected average; 2 belonged to Fulham, 2 to Chelsea, 3 to Pancras, 3 to Islington, 3 to St. Luke's, 2 to Mile End Old Town, 3 to Lambeth, and 6 to Camberwell sanitary areas. The deaths from *diarrhoea* and *dysentery*, which had declined from 19 to 16 in the preceding three weeks, numbered 18 last week, but were 19 below the corrected average; 15 were of infants under one year of age.

The deaths referred to *enteric fever*, which had been 8 in each of the previous two weeks, rose last week to 15, and were 5 above the corrected average; 3 belonged to Bethnal Green, 4 to Poplar, and 2 to Lambeth sanitary areas. The Metropolitan Asylum Hospitals and the London Fever Hospital contained 86 cases of enteric fever, but not one of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 185 and 213 in the preceding two weeks, declined again to 184 last week, and were 38 below the corrected average.

Different forms of violence caused 63 deaths; 52 were the result of negligence or accident, among which were 20 from fractures and contusions, 3 from burns and scalds, 8 from drowning, 4 from poison, and 12 of infants under one year of age from suffocation. The 20 deaths from fractures and contusions were thus caused:—7 by accidents from vehicles in the streets; 1 by accident on railway; 1 by kick from horse; 7 by fall—from height, down stairs, and otherwise; 1 by fall of sill upon foot; 1 by collision at play; 1 by crushing in lift; 1 by head striking against window-sill. An inquest was held in each of these 20 cases. Ten cases of suicide were recorded, being one above the corrected average.

#### GREATER LONDON.

In Greater London 3254 births and 1486 deaths were registered, corresponding to annual rates of 30.7 and 14.0 per 1000 of the population. In the Outer Ring 11 deaths from whooping-cough and 9 from diphtheria were registered. Three deaths from diphtheria occurred in West Ham and 2 in Wimbledon sub-districts. Three deaths from whooping-cough were recorded in Walthamstow sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29.90 in.; the highest reading was 30.04 in. on Monday evening, and the lowest 29.72 in. on Wednesday afternoon. The mean temperature of the *air* was 54° 2, and 6° 3 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average throughout the week, the deficiency on the first four days of the week ranging from 8° 7 to 10° 5. The general direction of the *wind* was N.N.E., and the horizontal movement of the *air* averaged 10.4 miles per hour, which was 0.4 of a mile above the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0.27 of an inch. The duration of registered bright sunshine in the week was 17.7 hours, against 14.4 hours at Glyde Place, Lewes.





TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-FIFTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2625 | 2483 | 2492 | 2504 | 2398 | 2513 | 2615 | 2419 | 2617 | 2182 | 2709·7   | 2534 |
| Males . .           | 1352 | 1281 | 1285 | 1264 | 1267 | 1317 | 1307 | 1255 | 1321 | 1078 | 1387·9   | 1277 |
| Females .           | 1273 | 1202 | 1207 | 1240 | 1131 | 1196 | 1308 | 1164 | 1296 | 1104 | 1321·8   | 1257 |
| <b>TOTAL Deaths</b> | 1391 | 1316 | 1273 | 1399 | 1387 | 1333 | 1371 | 1279 | 1222 | 1287 | 1445·7   | 1190 |
| Males . .           | 727  | 685  | 687  | 742  | 750  | 631  | 716  | 681  | 657  | 657  | 761·4  | 609  |
| Females .           | 664  | 631  | 586  | 657  | 637  | 652  | 655  | 598  | 565  | 630  | 684·3  | 581  |

\* The numbers in this column are the average weekly numbers in the twenty-fifth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | Mar.<br>31. | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. | May<br>5. | May<br>12. | May<br>19. | May<br>26. | June<br>2. | June<br>9. | June<br>16. | June<br>23. |     |
|--|---|--------------|-------------|------------|-------------|-------------|-------------|-----------|------------|------------|------------|------------|------------|-------------|-------------|-----|
| <b>TOTAL Births</b>                          | - | -            | 2492        | 2588       | 2831        | 2579        | 2577        | 2650      | 2574       | 2364       | 2278       | 2491       | 2430       | 2399        | 2534        |     |
| <b>TOTAL Deaths</b>                          | - | -            | 1668        | 1593       | 1692        | 1551        | 1437        | 1429      | 1360       | 1469       | 1361       | 1323       | 1219       | 1167        | 1190        |     |
| 0-20   | - | -            | 747         | 716        | 800         | 681         | 628         | 643       | 615        | 637        | 608        | 581        | 527        | 503         | 536         |     |
| 20-40  | - | -            | 183         | 189        | 215         | 212         | 177         | 187       | 186        | 212        | 180        | 178        | 156        | 176         | 149         |     |
| 40-60  | - | -            | 340         | 270        | 278         | 265         | 277         | 243       | 233        | 272        | 256        | 266        | 248        | 208         | 226         |     |
| 60-80  | - | -            | 329         | 320        | 335         | 310         | 302         | 277       | 255        | 276        | 268        | 255        | 245        | 234         | 242         |     |
| at 80 years & upwds.                         | - | -            | 69          | 98         | 64          | 83          | 53          | 79        | 66         | 72         | 49         | 43         | 43         | 46          | 37          |     |
| Deaths of children                           | { | Under 1 year | -           | 366        | 346         | 395         | 367         | 329       | 324        | 319        | 296        | 322        | 288        | 264         | 251         | 281 |
|  |   | 1-5          | -           | 273        | 263         | 302         | 229         | 209       | 225        | 190        | 254        | 204        | 184        | 176         | 163         | 155 |
|  |   | 5-20         | -           | 108        | 107         | 103         | 85          | 90        | 94         | 106        | 87         | 82         | 109        | 87          | 89          | 100 |
| Deaths from Small-pox                        | - | -            | -           | -          | -           | -           | 1           | -         | -          | -          | -          | -          | -          | -           | -           |     |
| " " Measles                                  | - | -            | 17          | 16         | 12          | 13          | 16          | 14        | 22         | 13         | 23         | 24         | 25         | 21          | 18          |     |
| " " Scarlet fever                            | - | -            | 40          | 20         | 17          | 21          | 15          | 23        | 19         | 13         | 17         | 19         | 23         | 19          | 10          |     |
| " " Diphtheria                               | - | -            | 15          | 16         | 19          | 10          | 22          | 15        | 15         | 29         | 19         | 26         | 22         | 18          | 15          |     |
| " " Whooping-cough                           | - | -            | 93          | 89         | 108         | 91          | 80          | 87        | 52         | 64         | 64         | 37         | 33         | 34          | 33          |     |
| " " Typhus                                   | - | -            | 1           | -          | -           | -           | -           | 1         | -          | -          | -          | -          | -          | -           | -           |     |
| " " Enteric fever                            | - | -            | 13          | 20         | 9           | 13          | 7           | 11        | 9          | 12         | 10         | 9          | 8          | 8           | 15          |     |
| " " Simple Cont'd fever                      | - | -            | -           | 1          | -           | 1           | -           | -         | 1          | -          | 3          | -          | 1          | 1           | -           |     |
| " " Diarrhoea and<br>Dysentery               | - | -            | 16          | 17         | 19          | 23          | 17          | 19        | 14         | 15         | 9          | 19         | 18         | 16          | 18          |     |
| " " Cholera                                  | - | -            | -           | 1          | -           | -           | -           | -         | 1          | -          | 2          | 1          | -          | -           | -           |     |
| Deaths from the above-<br>mentioned Diseases | } |              | 195         | 180        | 184         | 177         | 158         | 170       | 133        | 151        | 147        | 135        | 130        | 117         | 109         |     |
| " " Dis. of Respira-<br>tory System          | } |              | 460         | 419        | 444         | 363         | 343         | 287       | 260        | 296        | 228        | 237        | 185        | 213         | 184         |     |
| " " Phthisis                                 | - | -            | 155         | 152        | 150         | 137         | 146         | 135       | 134        | 176        | 151        | 157        | 135        | 119         | 133         |     |
| " " Dis. of Circula-<br>tory System          | } |              | 130         | 123        | 134         | 129         | 87          | 122       | 119        | 105        | 119        | 109        | 101        | 89          | 95          |     |
| Violent Deaths                               | - | -            | 75          | 56         | 52          | 48          | 56          | 39        | 51         | 63         | 65         | 73         | 51         | 71          | 63          |     |
| Inquest Cases                                | - | -            | 129         | 129        | 121         | 109         | 110         | 101       | 106        | 113        | 108        | 111        | 90         | 103         | 105         |     |
| Deaths in Public Institutions                | - | -            | 376         | 347        | 347         | 352         | 352         | 332       | 305        | 370        | 345        | 326        | 275        | 312         | 280         |     |
| TEMPERATURE OF THE AIR                       |   |              |             |            |             |             |             |           |            |            |            |            |            |             |             |     |
| Mean   | - | -            | 40·0        | 37·1       | 42·2        | 48·5        | 43·7        | 49·0      | 52·3       | 55·9       | 54·0       | 55·8       | 58·9       | 57·1        | 54·2        |     |
| Mean of Highest readings                     | - | -            | 47·5        | 47·0       | 50·3        | 59·0        | 51·4        | 58·9      | 64·1       | 68·0       | 66·0       | 69·1       | 71·0       | 69·5        | 61·8        |     |
| Mean of Lowest readings                      | - | -            | 34·5        | 29·3       | 35·3        | 41·2        | 37·8        | 40·2      | 41·2       | 45·6       | 43·2       | 44·3       | 49·8       | 47·8        | 43·1        |     |
| Humidity of the Air                          | - | -            | 87          | 78         | 78          | 82          | 86          | 63        | 69         | 69         | 68         | 69         | 77         | 72          | 86          |     |
| Rain-fall in inches                          | - | -            | 0·87        | 0·08       | 0·11        | 0·65        | 0·67        | 0·16      | 0·00       | 0·32       | 0·00       | 0·16       | 0·17       | 0·54        | 0·27        |     |
| Registered Sunshine (in hours)               | - | -            | 11·2        | 29·0       | 21·5        | 35·7        | 3·0         | 43·2      | 51·0       | 39·4       | 62·3       | 43·8       | 21·2       | 51·7        | 17·7        |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-FIFTH Week of the Year 1888.

| CAUSES OF DEATH.                             | Corrected Averages for the 25th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 23rd June 1888. |           |      |       |                  |                  |                  |                       |           |           | CAUSES OF DEATH.  | Corrected Averages for the 25th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 23rd June 1888. |                  |                  |                       |      |       |    |   |   |   |
|--|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|-----------|-----------|---|---|--|------------------|------------------|-----------------------|------|-------|----|---|---|---|
|  |   | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |                       |           |           |   |   | Deaths of Persons of the Ages                |                  |                  |                       |      |       |    |   |   |   |
|  |   | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | ALL AGES. | Under 20. |   |   | 20 and under 40.                             | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |      |       |    |   |   |   |
|  |   |  | 0-1.      | 1-5. | 6-20. |                  |                  |                  |                       |           | 0-1.      |   |   |  |                  |                  |                       | 1-5. | 6-20. |    |   |   |   |
| ALL CAUSES - -                               | 1445.7  | 1190   | 281       | 155  | 100   | 149              | 226              | 242              | 87                    |           |           | Diseases of Organs of Special Sense † - -                 | 1.9   | 3  | -                | 2                | 1                     | -    | -     | -  | - | - |   |
| Small-pox { Vaccinated † - - - -             | 21.6 {  | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Diseases of Circulatory System - - -                      | 95.7  | 95   | 3                | -                | 8                     | 10   | 28    | 40 | 6 | - |   |
| { Unvaccinated - - - -                       |   | -  | -         | -    | -     | -                | -                | -                | -                     | -         |           |   | Croup - - - - -   | 11.6   | 4                | -                | 3                     | 1    | -     | -  | - | - | - |
| Measles - - - - -                            | 71.4  | 18   | 6         | 12   | -     | -                | -                | -                | -                     |           |           | Bronchitis - - - -  | 111.3   | 91   | 31               | 11               | 2                     | -    | 5     | 86 | 6 | - |   |
| Scarlet Fever - - -                          | 23.5  | 10   | 3         | 5    | 2     | -                | -                | -                | -                     |           |           | Pneumonia - - - -   | 68.3  | 72   | 14               | 17               | 4                     | 9    | 15    | 11 | 2 | - |   |
| Typhus - - - - -                             | 1.1   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Pleurisy - - - - -  | 4.7   | 4  | -                | 1                | -                     | 2    | -     | -  | - | - |   |
| Relapsing Fever † -                          | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Other Diseases of Respiratory System - -                  | 27.6  | 13   | 4                | 1                | 1                     | 1    | 2     | 4  | - | - |   |
| Influenza - - - - -                          | 0.1   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Dentition † - - - -                                       | 11.3  | 11   | 6                | 5                | -                     | -    | -     | -  | - | - |   |
| Whooping-cough - -                           | 59.0  | 33   | 12        | 19   | 1     | -                | 1                | -                | -                     |           |           | Quinsy, Sore Throat †                                     | 1.9   | 1  | 1                | -                | -                     | -    | -     | -  | - | - |   |
| Diphtheria - - - -                           | 14.7  | 15   | -         | 9    | 6     | -                | -                | -                | -                     |           |           | Enteritis - - - - -                                       | 9.6   | 9  | 3                | 1                | 2                     | 1    | 1     | 1  | - | - |   |
| Simple Continued and Ill-defined Fever - }   | 1.5   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Peritonitis - - - -                                       | 6.2   | 7  | 1                | -                | -                     | 3    | 1     | 2  | - | - |   |
| Enteric Fever - - -                          | 10.4  | 15   | -         | 1    | 11    | 1                | -                | 2                | -                     |           |           | Diseases of Liver - -                                     | 29.2  | 22   | 1                | -                | -                     | 6    | 11    | 4  | - | - |   |
| Cholera - - - - -                            | 1.5   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Other Diseases of Digestive System - }                    | 26.2  | 33   | 4                | -                | 2                     | 8    | 5     | 13 | 1 | - |   |
| Diarrhoea, Dysentery                         | 37.0  | 18   | 15        | 3    | -     | -                | -                | -                | -                     |           |           | Diseases of Lymphatic System & of Ductless Glands † - - - | 2.6   | 4  | 1                | -                | 2                     | -    | 1     | -  | - | - |   |
| Remittent Fever † -                          | 0.2   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Diseases of Urinary System - - -                          | 24.3  | 41   | 1                | 1                | 1                     | 6    | 12    | 18 | 2 | - |   |
| Hydrophobia - - -                            | 0.1   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Diseases of Generative System - - - - -                   | 6.5   | 10   | 1                | -                | -                     | 2    | 4     | 3  | - | - |   |
| Glanders - - - - -                           | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Accidents of Childbirth -                                 | 4.7   | 7  | -                | -                | -                     | 7    | -     | -  | - | - |   |
| Cowpox and Effects of Vaccination † - - }    | 0.4   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Diseases of Locomotive System † - - - -                   | 7.0   | 6  | -                | -                | 3                     | 1    | 1     | 1  | - | - |   |
| Veneral Affections -                         | 9.7   | 10   | 7         | 2    | -     | -                | 1                | -                | -                     |           |           | Diseases of Integumentary System - - -                    | 6.5   | 3  | 1                | -                | -                     | 1    | -     | 1  | - | - |   |
| Erysipelas - - - -                           | 4.6   | 2  | 1         | -    | -     | -                | -                | 1                | -                     |           |           | VIOLENT DEATHS. ‡   |   |  |                  |                  |                       |      |       |    |   |   |   |
| Pyæmia and Septicæmia †                      | 2.3   | 5  | -         | 2    | 1     | 2                | -                | -                | -                     |           |           | ACCIDENT.)  |   |  |                  |                  |                       |      |       |    |   |   |   |
| Puerperal Fever - -                          | 5.7   | 3  | -         | -    | -     | 3                | -                | -                | -                     |           |           | Fracture and Contusion                                    | 19.5  | 20   | 1                | 2                | 5                     | 2    | 7     | 2  | 1 | - |   |
| Other Zymotic Diseases †                     | 2.5   | 1  | 1         | -    | -     | -                | -                | -                | -                     |           |           | Gunshot Wound - - -                                       | 0.1   | -  | -                | -                | -                     | -    | -     | -  | - | - |   |
| Thrush - - - - -                             | 2.8   | 1  | 1         | -    | -     | -                | -                | -                | -                     |           |           | Cut, Scab - - - - -                                       | 0.3   | -  | -                | -                | -                     | -    | -     | -  | - | - |   |
| Worms and other Parasitical Diseases - - }   | 0.4   | -  | -         | -    | -     | -                | -                | -                | -                     |           |           | Burn and Scald - - -                                      | 2.7   | 3  | -                | 1                | 2                     | -    | -     | -  | - | - |   |
| Starvation, Want of Breast-milk † - - }      | 1.4   | 1  | 1         | -    | -     | -                | -                | -                | -                     |           |           | Poison - - - - -  | 1.3   | 4  | -                | 2                | 1                     | -    | -     | 1  | - | - |   |
| Alcoholism - - - -                           | 5.2   | 6  | -         | -    | -     | -                | 6                | -                | -                     |           |           | Drowning - - - - -  | 7.4   | 8  | 1                | 1                | 2                     | 1    | 3     | -  | - | - |   |
| Rheumatic Fever, Rheumatism of Heart †       | 5.8   | 5  | -         | -    | -     | 2                | 2                | 1                | -                     |           |           | Suffocation - - - -                                       | 9.5   | 13   | 12               | -                | -                     | 1    | -     | -  | - | - |   |
| Rheumatism † - - -                           | 1.8   | 2  | -         | -    | -     | 2                | -                | -                | -                     |           |           | Otherwise - - - - -                                       | 3.3   | 4  | 2                | -                | 1                     | -    | -     | -  | 1 | - |   |
| Gout - - - - -                               | 2.9   | 3  | -         | -    | -     | -                | 1                | 2                | -                     |           |           | (HOMICIDE.)   |   |  |                  |                  |                       |      |       |    |   |   |   |
| Rickets † - - - - -                          | 3.2   | 6  | 1         | 5    | -     | -                | -                | -                | -                     |           |           | Murder & Manslaughter                                     | 1.6   | 1  | -                | -                | -                     | -    | 1     | -  | - | - |   |
| Cancer - - - - -                             | 49.4  | 55   | -         | -    | -     | 3                | 31               | 21               | -                     |           |           | (SUICIDE.)  |   |  |                  |                  |                       |      |       |    |   |   |   |
| Tabes Mesenterica -                          | 27.3  | 25   | 10        | 10   | 2     | 3                | -                | -                | -                     |           |           | Gunshot Wound - - -                                       | 1.0   | 2  | -                | -                | -                     | -    | 2     | -  | - | - |   |
| Tabercular Meningitis                        | 34.9  | 19   | 5         | 10   | 4     | -                | -                | -                | -                     |           |           | Cut, Scab - - - - -                                       | 2.2   | 2  | -                | -                | -                     | -    | 1     | 1  | - | - |   |
| Phthisis - - - - -                           | 165.6   | 183  | 2         | 5    | 20    | 54               | 42               | 10               | -                     |           |           | Poison - - - - -  | 2.4   | 1  | -                | -                | -                     | -    | -     | -  | - | - |   |
| Scrofula, Tuberculosis                       | 15.2  | 10   | 4         | 3    | 2     | 1                | -                | -                | -                     |           |           | Drowning - - - - -  | 1.1   | 2  | -                | -                | -                     | 1    | 1     | -  | - | - |   |
| Other Constitutional Diseases † - - }        | 10.4  | 10   | 1         | 1    | 2     | 1                | 1                | 4                | -                     |           |           | Hanging - - - - -   | 1.6   | 3  | -                | -                | -                     | 1    | -     | 2  | - | - |   |
| Premature Birth - - -                        | 37.8  | 33   | 38        | -    | -     | -                | -                | -                | -                     |           |           | Otherwise - - - - -                                       | 1.1   | 3  | -                | -                | -                     | -    | -     | -  | - | - |   |
| Atelectasis † - - -                          | 1.9   | 3  | 3         | -    | -     | -                | -                | -                | -                     |           |           | (EXECUTION.)  |   |  |                  |                  |                       |      |       |    |   |   |   |
| Congenital Malformations - }                 | 5.6   | 4  | 3         | -    | 1     | -                | -                | -                | -                     |           |           | Hanging - - - - -   | 0.0   | -  | -                | -                | -                     | -    | -     | -  | - | - |   |
| Old Age - - - - -                            | 42.4  | 30   | -         | -    | -     | -                | -                | 17               | 13                    |           |           | OTHER CAUSES † - -  | 50.2  | 44   | 33               | 2                | -                     | 1    | 3     | -  | - | - |   |
| Apoplexy - - - - -                           | 59.1  | 46   | -         | -    | -     | 6                | 21               | 17               | 2                     |           |           |   |   |  |                  |                  |                       |      |       |    |   |   |   |
| Epilepsy - - - - -                           | 8.7   | 9  | -         | -    | 1     | 2                | 4                | 2                | -                     |           |           |   |   |  |                  |                  |                       |      |       |    |   |   |   |
| Convulsions - - - -                          | 45.1  | 40   | 33        | 5    | 2     | -                | -                | -                | -                     |           |           |   |   |  |                  |                  |                       |      |       |    |   |   |   |
| Other Diseases of Brain and Nervous System } | 83.4  | 71   | 8         | 13   | 7     | 5                | 11               | 24               | 3                     |           |           |   |   |  |                  |                  |                       |      |       |    |   |   |   |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.04 per cent. for increase of population. ‡ As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

† These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ended

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     | Inquest Cases.<br>Deaths in Public<br>Institutions. |  |
|---|--|--|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|-----|---|--|
|   |  |  |                                     |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     |     |   |  |
|   |  |  |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |     |   |  |
| LONDON . . . . .  |  | 3,815,704                                    | 2534                                | 1190                                | 281                                       | 279                                 | -           | 18       | 10             | 15          | 33              | -       | 15                             | -                            | 18         | 63        | 105 | 280 |   |  |
| WEST DISTRICTS . . . . .  |  | 669,488                                      | 407                                 | 230                                 | 56  | 66                                  | -           | 1        | 5              | 4           | 7               | -       | -                              | -                            | 5          | 13        | 21  | 66  |   |  |
| NORTH DISTRICTS . . . . .   |  | 905,947                                      | 595                                 | 251                                 | 45  | 65                                  | -           | 5        | 1              | 2           | 6               | -       | -                              | -                            | 4          | 10        | 20  | 52  |   |  |
| CENTRAL DISTRICTS . . . . .   |  | 282,238                                      | 157                                 | 102                                 | 30  | 20                                  | -           | 4        | -              | 2           | 4               | -       | -                              | -                            | 2          | 6         | 11  | 31  |   |  |
| EAST DISTRICTS . . . . .  |  | 692,738                                      | 457                                 | 280                                 | 59  | 52                                  | -           | 6        | 2              | 2           | 4               | -       | 10                             | -                            | 4          | 14        | 24  | 63  |   |  |
| SOUTH DISTRICTS . . . . .   |  | 1,265,148                                    | 918                                 | 377                                 | 91  | 76                                  | -           | 2        | 2              | 5           | 12              | -       | 5                              | -                            | 3          | 20        | 20  | 68  |   |  |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| WEST DISTRICTS.   |  |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |   |  |
| St. Mary Paddington WHH G.J. & W.M.   |  | 99898  | 56                                  | 29                                  | 5   | 10                                  | -           | 1        | 1              | 3           | 1               | -       | -                              | -                            | 1          | 1         | 2   | 8   |   |  |
| St. John Paddington H - - G.J.  |  | 87380  | 9                                   | 9                                   | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 6   |   |  |
| Kensington Town Wio - - W.M.  |  | 120141                                       | 44                                  | 30                                  | 6   | 15                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | 1   | 11  |   |  |
| Brompton HH - - W.M. & C.   |  | 42010  | 17                                  | 12                                  | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 3   |   |  |
| St. Peter Hammersmith - - W.M.  |  | 7899   | 8                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 49                                  | 24                                  | 8   | 6                                   | -           | 1        | 1              | 1           | -               | -       | -                              | -                            | 3          | 3         | 2   | 2   |   |  |
| Fulham Wio - - W.M. & C.  |  | 42900  | 64                                  | 25                                  | 8   | 3                                   | -           | 3        | -              | 2           | -               | -       | -                              | -                            | 2          | 2         | 3   | 3   |   |  |
| Chelsea South HHH - - C.  |  | 20396  | 19                                  | 8                                   | 5   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Chelsea North-west WHHHHH - C.  |  | 24925  | 27                                  | 9                                   | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | -   | -   |   |  |
| Chelsea North-east - - C.   |  | 32807  | 29                                  | 16                                  | 6   | 4                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | 6   | -   |   |  |
| May Fair WFW - - G.J.   |  | 30353  | 7                                   | 16                                  | 1   | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Belgrave WHHH - - C.  |  | 59220  | 20                                  | 24                                  | 5   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 6          | 7         | 11  | 11  |   |  |
| St. John Westminster HHH - C.   |  | 85496  | 23                                  | 12                                  | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1   | 3   |   |  |
| St. Margaret Westminster H - C.   |  | 24679  | 12                                  | 7                                   | 3   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   | -   |   |  |
| St. James Westminster WHH N.R. & G.J.                                       |  | 22941  | 14                                  | 7                                   | 4   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -   |   |  |
| St. Anne Soho HHHHHHH - N.R.  |  | 16608  | 9                                   | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   |   |  |
| NORTH DISTRICTS.  |  |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |   |  |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 18                                  | 9                                   | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 6   |   |  |
| Cavendish Square HHHH - W.M.  |  | 14361  | 4                                   | 6                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 7                                   | 3                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   |   |  |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 21                                  | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Christchurch Marylebone H - W.M.  |  | 38700  | 15                                  | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| St. John Marylebone H - W.M.  |  | 33638  | 16                                  | 9                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Hampstead WioHHHH N.R. & W.M.   |  | 45452  | 29                                  | 10                                  | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | -   |   |  |
| Regent's Park Pancras H - W.M.  |  | 39115  | 22                                  | 3                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 15                                  | 15                                  | -   | 7                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 2          | 2         | 8   | -   |   |  |
| Gray's Inn Lane HHH - N.R.  |  | 30247  | 14                                  | 9                                   | 3   | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | 2   | -   |   |  |
| Somers Town H - - N.R.  |  | 84369  | 25                                  | 12                                  | 4   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | -         | 2   | -   |   |  |
| Camden Town WH - - N.R.   |  | 17311  | 15                                  | 8                                   | 4   | 5                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 2   | -   |   |  |
| Kentish Town W - - N.R.   |  | 87487  | 53                                  | 24                                  | 4   | 5                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 4         | 3   | -   |   |  |
| Upper Holloway WFWH - - N.R.  |  | 67946  | 67                                  | 23                                  | 7   | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Islington South-west HH - N.R.  |  | 100976                                       | 78                                  | 31                                  | 10  | 2                                   | -           | 3        | -              | -           | 2               | -       | -                              | -                            | 1          | 2         | 12  | -   |   |  |
| Islington South-east - - N.R.   |  | 61825  | 36                                  | 9                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Highbury H - - N.R.   |  | 82048  | 22                                  | 15                                  | 4   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3   | -   |   |  |
| Stoke Newington H - - N.R.  |  | 22781  | 16                                  | 3                                   | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Stamford Hill - - E.L.  |  | 9277   | 6                                   | 3                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -   | -   |   |  |
| West Hackney - - N.R.   |  | 87610  | 38                                  | 7                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -   | -   |   |  |
| Hackney WFWH - - E.L. & N.R.  |  | 76911  | 55                                  | 33                                  | 3   | 17                                  | -           | 2        | -              | 2           | -               | -       | -                              | -                            | 1          | 1         | 9   | -   |   |  |
| South Hackney - - E.L.  |  | 39383  | 18                                  | 12                                  | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | 3   | -   |   |  |
| CENTRAL DISTRICTS.  |  |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |   |  |
| St. George Bloomsbury - - N.R.  |  | 16881  | 9                                   | 4                                   | -   | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| St. Giles South WH - - N.R.   |  | 14884  | 16                                  | 9                                   | 2   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| St. Giles North - - N.R.  |  | 18837  | 3                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 6   | 1   |   |  |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 6                                   | 11                                  | 3   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| St. Mary-le-Strand H - - N.R.   |  | 7515   | 3                                   | 2                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 5   | -   |   |  |
| St. Clement Danes H - - N.R.  |  | 8559   | 1                                   | 6                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4   | -   |   |  |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                   | -                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -   |   |  |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18671  | 13                                  | 8                                   | 2   | 1                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 5                                   | 4                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3   | -   |   |  |
| St. Paul Hill H - - N.R.  |  | 6593   | 1                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -   | -   |   |  |
| St. James Clerkenwell - - N.R.  |  | 17538  | 10                                  | 8                                   | 2   | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 2   | -   |   |  |
| Amwell Clerkenwell - - N.R.   |  | 19281  | 10                                  | 4                                   | 1   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Pentonville - - N.R.  |  | 14773  | 10                                  | 4                                   | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Goswell-street - - N.R.   |  | 17506  | 11                                  | 2                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Old-street H - - N.R.   |  | 11641  | 10                                  | 2                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| City-road HHL - - N.R.  |  | 18628  | 16                                  | 6                                   | 4   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1   | -   |   |  |
| Whitecross-street - - N.R.  |  | 9247   | 6                                   | 3                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | -   |   |  |
| Finsbury - - N.R.   |  | 7468   | 8                                   | 2                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Holborn Union Workhouse, Mitcham, w.  |  | -  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| St. Botolph H - - N.B. & E.L.   |  | 11174  | 8                                   | 1                                   | 1   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Cripplegate - - N.R.  |  | 7193   | 2                                   | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -   |   |  |
| St. Sepulchre H - - N.R.  |  | 5358   | 1                                   | 15                                  | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| St. Bride W - - N.R.  |  | 8396   | 2                                   | 2                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 12  | -   |   |  |
| Allhallows Barking - - N.R.   |  | 13666  | 3                                   | 4                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |   |  |
| Broad Street H - - N.R.   |  | 5662   | 3                                   | 1                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -   | -   |   |  |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Work-  
houses; *H*—Hospital; *L*—Lunatic Asylum; *W*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands  
see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies  
Grand Junction Company; *W.M.* West Middle ex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London;  
and *K.* the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
tuesday, the 23rd June, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | The DEATHS registered in the Week include |                                  |             |          |                |             |                 |         |                             |                             |            |           |                |                                |                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                |  |   |  |  | Deaths of                                 |                                  | Deaths from |          |                |             |                 |         |                             |                             |            |           |                |                                |                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |  |   |  |  | Infants under 1 Year of Age.              | Persons aged 40 Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) Fever. | Simple con-<br>tinued Fever | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public Institutions. | Uncertified Causes of Death. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EAST DISTRICTS.                |  |   |  |  |   |                                  |             |          |                |             |                 |         |                             |                             |            |           |                |                                |                              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

e following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the e Table by w:-

Marylebone Infirmary in Kensington Town sub-district.  
Central London Sick Asylum in Tottenham Court-road sub-district.  
Isborn Infirmary in Upper Holloway sub-district.  
London City Workhouse " Hackney sub-district.  
Isborn " " Hoxton New Town sub-district.  
Whitechapel " " Mile End Old Town Eastern sub-dist.  
London City " " Mile End Old Town Eastern sub-dist.  
and Bromley sub-district.

Stepney Workhouse in Bromley sub-district.

Poplar & Stepney Sick Asylum " "

Westminster Union Industrial School in West Battersea sub-district.

Strand and Holborn Workhouses outside Registration London.

Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hack-

ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 23rd June, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.           | Area<br>in<br>Aeres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |  |
|---|--|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--|
|   |  |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |  |
|   |  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |
| LONDON—OUTER RING   |  | 370,924  | 950,957   | 720     | 296     | 57  | 80                                  | -           | 1        | 2              | 9           | 11              | 2      | 1          | 13        | 26             | 47                                |  |
| 80:1  | Carshalton <i>wL</i> -                   | 12228  | 21118   | 8       | 17      | 1   | 7                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 15                                |  |
| 2   | Epsom ( <i>part of</i> ) * <i>WwH</i>    | 9971   | 10710   | 6       | 5       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |  |
| 37:1  | Godstone ( <i>part of</i> ) * -          | 2754   | 1235  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 38:1  | Croydon <i>WwHHL</i> -                   | 20851  | 101241  | 59      | 85      | 6   | 8                                   | -           | -        | -              | 1           | 1               | -      | 1          | 2         | 6              | 8                                 |  |
| 2   | Mitcham <i>w†</i> -                      | 11697  | 17982   | 5       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 39:1  | Wimbledon <i>HHH</i> -                   | 3220   | 15950   | 13      | 7       | -   | 3                                   | -           | -        | -              | 2           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Kingston <i>WHH</i> -                    | 8549   | 36354   | 15      | 5       | 1   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | 1         | 1              | 1                                 |  |
| 3   | Esher ( <i>part of</i> ) * -             | 6601   | 9221  | 8       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 4   | Hampton <i>H</i> -                       | 4573   | 13539   | 16      | 4       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 40:1  | Richmond <i>WH</i> -                     | 2372   | 21302   | 5       | 9       | -   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 1                                 |  |
| 2   | Mortlake -                               | 2941   | 12331   | 6       | 5       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |
| 41:1  | Bromley ( <i>pt. of</i> ) * <i>HH</i>    | 15669  | 81142   | 25      | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 2   | Chislehurst( <i>pt.of</i> ) * <i>WHH</i> | 14307  | 15844   | 11      | 5       | 1   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |
| 42:1  | Bexley <i>H</i> -                        | 13437  | 24134   | 14      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 124:1   | Sunbury <i>w</i> -                       | 11055  | 11685   | 2       | 3       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 2   | Staines <i>W</i> -                       | 13277  | 12089   | 10      | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 125:1   | Hillingdon <i>WHH</i> -                  | 6029   | 10802   | 12      | 8       | 3   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | -                                 |  |
| 2   | Uxbridge -                               | 6173   | 3225  | 6       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Hayes <i>wHL</i> -                       | 14587  | 11623   | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 126:1   | Isleworth <i>WHH</i> -                   | 7008   | 22727   | 17      | 8       | -   | 2                                   | -           | -        | -              | -           | -               | 1      | -          | -         | 2              | 1                                 |  |
| 2   | Twickenham <i>H</i> -                    | 2477   | 12479   | 6       | 5       | 3   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Brentford <i>HL</i> -                    | 4345   | 27649   | 14      | 7       | 1   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | 2         | 2              | -                                 |  |
| 4   | Chiswick -                               | 1340   | 15975   | 10      | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 5   | Acton <i>wH</i> -                        | 6083   | 22376   | 26      | 5       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 127:1   | Harrow <i>H</i> -                        | 13809  | 12796   | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Edgware <i>H</i> -                       | 6994   | 3749  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Willesden -                              | 4393   | 27453   | 84      | 12      | 4   | 4                                   | -           | -        | -              | 1           | 1               | 1      | -          | -         | 1              | -                                 |  |
| 4   | Hendon <i>W</i> -                        | 8382   | 10484   | 5       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 128:1   | South Mimms -                            | 15599  | 6391  | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Barnet -                                 | 5483   | 10092   | 3       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Finchley <i>HL</i> -                     | 4688   | 17615   | 8       | 15      | -   | 5                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 9                                 |  |
| 129:1   | Hornsey <i>H</i> -                       | 3039   | 37078   | 82      | 6       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 2              | -                                 |  |
| 2   | Tottenham <i>H</i> -                     | 4642   | 46456   | 44      | 19      | 2   | 6                                   | -           | -        | -              | -           | 1               | -      | -          | 1         | 2              | -                                 |  |
| 3   | Edmonton <i>Ww†</i> -                    | 7493   | 23463   | 14      | 10      | 3   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 4                                 |  |
| 4   | Enfield <i>WH</i> -                      | 12653  | 19104   | 5       | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |
| 5   | Waltham Abbey -                          | 11017  | 5348  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 6   | Cheshunt -                               | 8480   | 7735  | 5       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 135:1   | Hatfield ( <i>part of</i> ) * -          | 3806   | 683   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 137:1   | Bushey -                                 | 9331   | 6621  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 136:1   | Stratford -                              | 382  | 38006   | 40      | 18      | 8   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 2   | West Ham <i>wvwvH†</i> -                 | 7351   | 101058  | 126     | 31      | 8   | 6                                   | -           | -        | -              | 3           | -               | -      | -          | 1         | 2              | -                                 |  |
| 3   | Leyton <i>WwL</i> -                      | 4372   | 32480   | 44      | 16      | -   | 4                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | 2                                 |  |
| 4   | Walthamstow <i>H</i> -                   | 6590   | 28869   | 21      | 12      | 6   | 2                                   | -           | -        | -              | 1           | 3               | -      | -          | -         | -              | -                                 |  |
| 137:1   | Chigwell ( <i>part of</i> ) * <i>H</i>   | 11761  | 9689  | 9       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 139:1   | Romford ( <i>part of</i> ) * <i>W</i>    | 6730   | 3411  | 2       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |  |
| 2   | Ilford -                                 | 8493   | 7645  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Barking Town -                           | 4127   | 3203  | 7       | 3       | -   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                                 |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follow:  
 30:2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 23rd June, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |  |  |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |           |           |     |  |                                   |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16  |  |                                   |  |  |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 14.0  | 1.3                                   | 1486                             | 338                                       | 359  | -           | 19       | 12                | 24          | 44                  | 17     | 19        | 76        | 327 |  |                                   |  |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 14.5  | 1.3                                   | 1190                             | 281                                       | 270  | -           | 18       | 10                | 15          | 33                  | 15     | 18        | 63        | 280 |  |                                   |  |  |
| OUTER RING -              | 370,924  | 1,244,965                                      | 12.4  | 1.1                                   | 296                              | 57  | 80   | -           | 1        | 2                 | 9           | 11                  | 2      | 1         | 13        | 47  |  |                                   |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,287,049 Persons.

| CITIES.                        | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|--------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA - -                   | 433,219                               | May 19                      | -                               | 223     | 26.8                               | Fevers 65; cholera 30.                                |
| BOMBAY - -                     | 773,196                               | " 29                        | 301                             | 447     | 23.4                               | Fevers 131; cholera 10; small-pox 21.                 |
| MADRAS - -                     | 398,777                               | " 11                        | 283                             | 285     | 37.8                               | Fevers 65; cholera 15; diarrhoeal diseases 41.        |
| PARIS - - -                    | 2,260,945                             | June 16                     | 1045                            | 890     | 20.6                               | Diph. & crp. 32; typh. fev. 6; sm.-pox 8; meas. 19.   |
| BRUSSELS - (with 8 Faubourgs.) | 462,069                               | " 16                        | 236                             | 169     | 19.0                               | Typhus & typhd. fev. 3; meas. 7; diar. dis. 22.       |
| AMSTERDAM -                    | 390,016                               | " 16                        | 283                             | 163     | 21.7                               | Diphtheria 5; whooping-cough 6.                       |
| ROTTERDAM -                    | 193,658                               | " 16                        | 143                             | 70      | 18.9                               | -   |
| THE HAGUE -                    | 149,477                               | " 16                        | 104                             | 56      | 19.4                               | -   |
| COPENHAGEN -                   | 300,000                               | " 5                         | 187                             | 127     | 22.1                               | Diphtheria 6; scarlet fev. 4; wh.-cough 2.            |
| STOCKHOLM -                    | 221,549                               | " 9                         | 187                             | 77      | 18.1                               | Scar. fever 4; whooping-cough 7.                      |
| CHRISTIANIA -                  | 184,000                               | " 16                        | 67                              | 54      | 20.7                               | Diphtheria and croup 2.                               |
| ST. PETERSBURG                 | 928,016                               | " 9                         | -                               | 599     | 33.7                               | Typ. & tpd. fev. 13; meas. 57; sc. fev. 9; diph. 7.   |
| BERLIN - -                     | 1,413,603                             | " 2                         | 800                             | 523     | 19.1                               | Diph. 27; scar. fev. 4; typhus and typh. fev. 2.      |
| HAMBURG (State)                | 529,091                               | " 9                         | 369                             | 295     | 29.1                               | Diphtheria and croup 13; tp. & td. fv. 2; meas. 36.   |
| DRESDEN - -                    | 259,142                               | " 2                         | 158                             | 101     | 20.3                               | Diphtheria and croup 4.                               |
| BERSLAU - -                    | 313,461                               | " 9                         | 223                             | 163     | 27.7                               | Diphtheria 6; diarrhoeal diseases 21.                 |
| MUNICH - -                     | 275,000                               | " 9                         | 175                             | 174     | 32.9                               | Diphtheria and croup 7; diarrhoeal dis. 36.           |
| VIENNA - -                     | 800,836                               | " 9                         | 522                             | 425     | 27.6                               | Diph. 2; scar. fev. 3; measles 12.                    |
| PRAGUE - -                     | 295,857                               | " 9                         | -                               | 240     | 42.3                               | Small-pox 19; meas. 22; diph. 5; scar. fev. 4.        |
| BUDA-PESTH -                   | 442,787                               | " 9                         | 325                             | 284     | 33.4                               | Diph. 4; scar. fever 4; diarrhoeal diseases 41.       |
| TRIESTE - -                    | 156,042                               | " 9                         | -                               | 90      | 30.0                               | Diphtheria and croup 6; small-pox 5.                  |
| ROME - - -                     | 382,973                               | May 5                       | 231                             | 173     | 23.6                               | Sm.-pox 2; typh. fev. 2; measles 4.                   |
| TURIN (10 days)                | 294,326                               | " 20                        | 239                             | 176     | 21.8                               | Diph. 6; scar. fever 2; typhoid fever 3.              |
| VENICE - -                     | 150,502                               | June 9                      | 85                              | 80      | 27.7                               | Diarrhoeal diseases 7.                                |
| CAIRO - - -                    | 374,833                               | May 31                      | 353                             | 402     | 55.9                               | Typ. & typh. fev. 14; diar. diseases 149; wh.-cgh. 9. |
| ALEXANDRIA -                   | 231,396                               | " 31                        | 189                             | 126     | 28.4                               | Diarrhoeal diseases 22.                               |
| NEW YORK -                     | 1,493,000                             | June 2                      | -                               | 701     | 24.5                               | Diph. 51; scar. fever 32; sm.-pox 3; meas. 19.        |
| BROOKLYN -                     | 774,870                               | " 2                         | -                               | 281     | 18.9                               | Diph. 25; scar. fev. 7; croup 8.                      |
| PHILADELPHIA -                 | 1,016,758                             | " 2                         | -                               | 335     | 17.2                               | Typh. fev. 11; sm.-pox 3; scar. fev. 4.               |
| BALTIMORE -                    | 437,155                               | " 2                         | -                               | 130     | 15.5                               | Diphtheria 2; mal. fev. 2.                            |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 23RD JUNE, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |               | Phases of the Moon. | TEMPERATURE. |           |              |             |                                 | TEMPERATURE.      |             |   |            |  | TEMPERATURE.  |            |   | Wind as deduced from Anemometers. |                |             |                              | Rain collected in a gauge whose receiving surface is 5 inches above the ground. | Ozone.   |                        |   |                                     |        |        |
|----------------|---------------|---------------------|--------------|-----------|--------------|-------------|---------------------------------|-------------------|-------------|---|------------|--|---------------|------------|---|-----------------------------------|----------------|-------------|------------------------------|---|----------|------------------------|---|-------------------------------------|--------|--------|
| MONTH AND DAY. | BARO. METER.  |                     | Of the Air.  |           |              |             |                                 | Of the Dew Point. |             | Difference between the Air Temperature and Dew Point. |            | Degree of Humidity (Saturation equals 100°). | Of Radiation. |            | Of the Water of the Thames at Deptford. |                                   | Osler's.       |             | Pressure on the Square Foot. |   |          | Robinson's.            |   |                                     |        |        |
|                |               |                     | High. est.   | Low. est. | Daily Range. | Mean value. | De- parture from Average value. | Mean daily value. | Great. est. | Least.  | High. est. |  | Low. est.     | High. est. | Low. est.                               | A.M.                              | P.M.           | Great- est. | Least.                       |   |          | Mean of 24 hourly obs. | Horizontal Movement of the Air on each Day. | Departure from Average of 16 Years. | Miles. | Miles. |
| JUNE.          | SUN.          | 17 First Qr.        | 55.7         | 47.2      | 8.5          | 51.0        | - 8.7                           | 44.9              | 6.1         | 8.5   | 1.7        | 80   | 77.6          | ..         | 60.8                                    | 60.4                              | N. & NNE.      | N.          | 2.3                          | 0.0   | 0.3      | 247                    | + 5   | 2.2                                 |        |        |
| MON.           | 18 In Equator | 55.4                | 45.5         | 9.9       | 49.7         | - 10.2      | 44.1                            | 5.6               | 9.4         | 1.3   | 81         | 73.4   | 33.0          | 60.7       | 60.2                                    | N. & NNE.                         | NNE.           | 3.0         | 0.0                          | 0.5   | 263      | + 23                   | 0.0   |                                     |        |        |
| TUES.          | 19 ..         | 54.4                | 46.2         | 8.2       | 49.7         | - 10.5      | 45.4                            | 4.3               | 7.2         | 0.8   | 85         | 69.2   | 46.0          | 59.9       | 59.0                                    | NNE.                              | NNE.           | 2.0         | 0.0                          | 0.5   | 289      | + 51                   | 0.0   |                                     |        |        |
| WED.           | 20 ..         | 55.0                | 45.8         | 9.2       | 50.2         | - 10.3      | 49.4                            | 0.8               | 4.0         | 0.4   | 97         | 69.0   | 45.5          | 59.6       | 58.8                                    | N. & NNE.                         | N. & ENE.      | 3.8         | 0.0                          | 0.3   | 232      | - 5                    | 0.0   |                                     |        |        |
| THURS.         | 21 Perigee.   | 66.2                | 46.4         | 19.8      | 56.7         | - 4.1       | 54.8                            | 1.9               | 9.2         | 0.0   | 93         | 105.8  | 40.1          | 59.3       | 58.6                                    | NE.                               | E. ESE. & ENE. | 1.7         | 0.0                          | 0.1   | 191      | - 46                   | 0.0   |                                     |        |        |
| FRI.           | 22 ..         | 73.1                | 54.5         | 18.6      | 61.0         | - 0.1       | 57.4                            | 3.6               | 14.1        | 0.0   | 88         | 123.3  | 54.5          | 58.9       | 58.4                                    | NE.                               | NE. & N.       | 3.0         | 0.0                          | 0.1   | 149      | - 89                   | 0.0   |                                     |        |        |
| SAT.           | 23 Full       | 72.8                | 50.9         | 21.9      | 61.2         | - 0.2       | 53.3                            | 7.9               | 15.5        | 0.4   | 75         | 131.4  | 47.5          | 58.6       | 58.2                                    | N. & NNE.                         | NNE. & N.      | 6.3         | 0.0                          | 1.0   | 372      | + 133                  | 0.0   |                                     |        |        |
| MEANS          | ..            | 61.8                | 48.1         | 13.7      | 54.2         | - 6.3       | 49.9                            | 4.3               | 9.7         | 0.7   | 86         | 92.8   | 45.3          | 59.7       | 59.1                                    | NNE.                              | ..             | ..          | ..                           | ..  | Sum 1743 | Sum + 72               | Sum 0.27                                    | 0.3                                 |        |        |
| No. of Col.    | ..            | 3                   | 4            | 5         | 6            | 7           | 8                               | 9                 | 10          | 11  | 12         | 13   | 14            | 15         | 16                                      | 17                                | 18             | 19          | 20                           | 21  | 22       | 23                     | 24  | 25                                  | 26     | 27     |

| DATE.     |    | ELECTRICITY.   |      | REGISTERED SUNSHINE. |           | SUN ABOVE HORIZON. |  | GENERAL REMARKS. |  |
|-----------|----|--|------|----------------------|-----------|--------------------|--|------------------|--|
| JUNE.     |    | (For explanation of symbols, see Note.)                              |      | in hours.            |           | in hours.          |  |                  |  |
| SUNDAY    | 17 | w. P. generally.   | 0.0  | 0.0                  | 16.6      | 16.6               | Shower in early morning; overcast till evening; somewhat broken at night. A very cold day.                                       |                  |  |
| MONDAY    | 18 | w. P. throughout   | 0.0  | 0.0                  | 16.6      | 16.6               | Overcast. Occasional light rain at night. A very cold day.   |                  |  |
| TUESDAY   | 19 | w. P. generally  | 0.0  | 0.0                  | 16.6      | 16.6               | Overcast. A few light showers in early morning. A very cold day.   |                  |  |
| WEDNESDAY | 20 | v. P. till 9h. A.M.; v. N. principally till evening; m. P. at night. | 0.2  | 0.2                  | 16.6      | 16.6               | Overcast, with frequent rain till evening; then variable. Lightning at night. A very cold day.                                   |                  |  |
| THURSDAY  | 21 | w. P. till 9h. P.M.; v. P. and v. N. afterwards.                     | 0.0  | 0.0                  | 16.6      | 16.6               | Overcast generally. Foggy in morning. Showery during the day. Lightning at night.  |                  |  |
| FRIDAY    | 22 | w. P. throughout   | 5.0  | 5.0                  | 10.6      | 10.6               | Lightning in early morning; foggy till day-break; overcast till noon; fine and partially cloudy till evening; overcast at night. |                  |  |
| SATURDAY  | 23 | w. P. in morning; v. P. afterwards.                                  | 12.5 | 12.5                 | 16.6      | 16.6               | Fine; partially cloudy.  |                  |  |
| Sum       |    |  | 17.7 | 17.7                 | Sum 116.2 | 116.2              |  |                  |  |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glashier's Hydro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 22, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

On the 18th, the barometer fell to 29.95 in. by 3h. P.M., on the 21st to 29.97 in. by 9h. P.M., on the 18th, decreased to 29.72 in. by 3h. P.M., on the 21st, increased to 29.97 in.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 26. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JUNE 30. [Price 1½d.

General Register Office, Somerset House,  
2nd July, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 15·9 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |          |          |          | TOWNS.             | Weeks ending |          |          |          |
|--------------|--------------|----------|----------|----------|--------------------|--------------|----------|----------|----------|
|              | June 9.      | June 16. | June 23. | June 30. |                    | June 9.      | June 16. | June 23. | June 30. |
| Birkenhead   | 12·5         | 9·9      | 10·4     | 17·2     | Liverpool - -      | 14·8         | 15·7     | 16·0     | 16·1     |
| Birmingham   | 19·5         | 14·0     | 14·3     | 14·2     | London - -         | 14·9         | 14·2     | 14·5     | 15·1     |
| Blackburn -  | 22·4         | 23·2     | 18·9     | 14·5     | Manchester -       | 25·0         | 27·9     | 22·5     | 21·2     |
| Bolton -     | 22·1         | 22·1     | 23·4     | 20·7     | Newcastle-on-Tyne* | 12·8         | 24·6     | 19·7     | 15·8     |
| Bradford*    | 14·3         | 17·5     | 12·5     | 15·0     | Norwich - -        | 22·3         | 20·1     | 12·8     | 15·0     |
| Brighton -   | 15·7         | 12·6     | 18·7     | 10·4     | Nottingham*        | 12·9         | 19·4     | 9·9      | 15·1     |
| Bristol -    | 18·2         | 17·0     | 12·4     | 13·8     | Oldham - -         | 17·4         | 22·7     | 18·1     | 15·9     |
| Cardiff*     | 14·9         | 16·3     | 15·9     | 15·9     | Plymouth - -       | 15·4         | 12·1     | 23·5     | 20·1     |
| Derby -      | 13·6         | 10·3     | 14·1     | 15·2     | Portsmouth -       | 15·0         | 16·8     | 11·6     | 15·3     |
| Halifax -    | 18·9         | 23·4     | 16·3     | 20·2     | Preston - -        | 17·7         | 23·7     | 24·3     | 27·8     |
| Huddersfield | 22·3         | 19·4     | 16·6     | 12·6     | Salford* - -       | 19·1         | 18·7     | 21·4     | 26·0     |
| Hull - -     | 14·7         | 17·0     | 15·0     | 14·7     | Sheffield - -      | 18·0         | 15·6     | 15·7     | 17·0     |
| Leeds - -    | 15·5         | 18·0     | 15·0     | 15·3     | Sunderland -       | 18·2         | 15·4     | 16·2     | 13·4     |
| Leicester*   | 16·4         | 10·7     | 17·8     | 15·3     | Wolverhampton -    | 16·6         | 19·8     | 16·6     | 16·0     |

The highest annual death-rates, measured by last week's mortality, were: from *measles*, 1·1 in Bradford; from *scarlet fever*, 1·4 in Bolton and in Cardiff; from *whooping-cough*, 1·0 in Cardiff, 1·3 in Halifax, 1·4 in Manchester, and 2·3 in Salford. The death-rate from "*fever*" did not reach 1·0 per 1000 in any of the twenty-eight towns. The 34 deaths from *diphtheria* in these towns included 28 in London, and 3 in Leeds. *Small-pox* caused 11 deaths in Preston, 3 in Sheffield, and one in Hull, but not one in any of the twenty-four other great provincial towns, or in London.

## LONDON.

In LONDON† 2289 BIRTHS and 1238 DEATHS were registered. Allowing for increase of population, the births were 446, and the deaths 261, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·9, 14·2, and 14·5 in the preceding three weeks, rose last week to 15·1. In the thirteen weeks of last quarter the death-rate averaged 16·9 per 1,000, which was 3·0 below the mean rate in the corresponding periods of the ten years 1878-87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1238 deaths included 20 from measles, 19 from scarlet fever, 28 from diphtheria, 27 from whooping-cough, 10 from enteric fever, 36 from diarrhoea and dysentery, 2 from cholera and choleraic diarrhoea, and not one from small-pox, typhus, or any ill-defined form of continued fever; thus, 142 deaths were referred to these diseases, being 124 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 19. There were only 2 patients under treatment for this disease in the Metropolitan Asylum Hospitals, and not any in the Highgate Small-pox Hospital, on Saturday last. The deaths from *measles*, which had declined from 25 to 18 in the preceding three weeks, rose to 20 last week, but were 45 below the corrected average; 3 belonged to Paddington, and 4 to Kensington sanitary areas. The fatal cases of *scarlet fever*, which had fallen from 23 to 10 in the preceding three weeks, rose to 19 last week, but were 9 below the corrected average; 3 belonged to Bethnal Green, 3 to Mile End Old Town, and 3 to Poplar sanitary areas. At the end of the week the Metropolitan Asylum Hospitals and the London Fever Hospital contained 925 scarlet fever patients, against 928, 904, and 895 on the preceding three Saturdays; 98 cases were admitted during the week, against 102, 72, and 81 in the previous three weeks. The deaths from *diphtheria*, which had declined from 26 to 15 in the preceding four weeks, rose last week to 28, and were 13 above the corrected average; 4 belonged to Paddington, 2 to Kensington, 3 to St. George Hanover Square, 2 to Westminster, 2 to Islington, 2 to Shoreditch, 2 to Stepney, 2 to Lambeth, and 2 to Plumstead sanitary areas. The deaths from *whooping-cough*, which had been 34 and 33 in the previous two weeks, fell to 27 last week, and were 36 below the corrected average; 3 belonged to Islington, 3 to Bethnal Green, and 3 to Camberwell sanitary areas. The deaths from *diarrhoea* and *dysentery*, which had numbered 16 and 18 in the preceding two weeks, rose last week to 36, but were 22 below the corrected average; 21 were of infants under one year of age. The death of a child, aged one year, was referred to "cholera sporadica," and that of a man, aged 41 years, to "choleraic diarrhoea."

The deaths from *enteric fever*, which had risen from 8 to 15 in the previous two weeks, declined last week to 10, and were 2 below the corrected average; 2 belonged to Poplar sanitary area. The Metropolitan Asylum Hospitals contained 90 cases of enteric fever, but not one of typhus, on Saturday last; 18 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had declined from 213 to 184 in the preceding two weeks, further fell last week to 156, and were 67 below the corrected average.

Different forms of violence caused 64 deaths; 54 were the result of negligence or accident, among which were 20 from fractures and contusions, 3 from burns and scalds, 6 from drowning, 3 from poison, and 19 of infants under one year of age from suffocation. The 20 deaths from fractures and contusions were thus caused:—5 by accidents from vehicles in the streets; 2 by accidents on railways; 10 by fall from window, down stairs, and otherwise; 1 by injury while at play; 1 crushed by machinery; 1 by fracture, the cause of which was not stated. An inquest was held in each of these 20 cases, except in one of the deaths by falls. Nine cases of suicide were recorded, corresponding with the corrected average.

#### GREATER LONDON.

In Greater London 3032 births and 1530 deaths were registered, corresponding to annual rates of 28·6 and 14·4 per 1000 of the population. In the Outer Ring 4 deaths from scarlet fever, 4 from whooping-cough, and 3 from diphtheria, were registered. Two deaths from scarlet fever occurred in Willesden sub-district, and 2 from whooping-cough in Wimbledon sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·59 in.; the highest reading was 29·91 in. at the beginning of the week, and the lowest 29·35 in. on Friday afternoon. The mean temperature of the *air* was 61°·9, agreeing with the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on the first three days of the week, notably on Monday, but was below the average on the remaining days. The general direction of the *wind* was South-westerly, and the horizontal movement of the air averaged 10·2 miles per hour, which was one-tenth of a mile below the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 2·37 inches. The duration of registered bright sunshine in the week was 29·9 hours, against 34·1 hours at Glynede Place, Lewes.

TABLE 1.—*BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 30th June, 1888.*

| CITIES<br>AND<br>BOROUGH.   | Cols.  | Registered during<br>the Week ending<br>June 30th, 1888. |         | POPULATION<br>estimated<br>to the<br>middle of<br>1888. |  | The Deaths registered in the Week include |          |                   |             |                     |        |            |           |                                      |                                      |                                  |   |                     |                                    |          |    | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths |               | TEMPERATURE OF THE AIR. |       |    |    | RAINFALL. |    | CITIES<br>AND<br>BOROUGH. |
|---|--|--|---------|---|--|---|----------|-------------------|-------------|---------------------|--------|------------|-----------|--------------------------------------|--------------------------------------|----------------------------------|---|---------------------|------------------------------------|----------|----|--|---------------|-------------------------|-------|----|----|-----------|----|---------------------------|
|   |  | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age.                      | Persons aged<br>60 Years<br>and upwards. | Deaths from                               |          |                   |             |                     |        |            |           | Deaths in<br>Public<br>Institutions. |                                      |                                  |   | From All<br>Causes. | From<br>Diseases in<br>Cols. 6-12. | Highest. |    | Mean.  | In<br>Inches. | In<br>Centi-<br>metres. | Cols. |    |    |           |    |                           |
|   |  |  |         |   |  | Small-pox.                                | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases.                       | Deaths in<br>Public<br>Institutions. | Unidentified<br>Causes of Death. | F |                     |                                    | From     |    |  |               |                         |       |    |    |           |    |                           |
|   |  |  |         |   |  |   |          |                   |             |                     |        |            |           |                                      |                                      |                                  |   |                     |                                    |          | 1. |  |               |                         |       | 2. | 3. | 4.        | 5. |                           |
| 28 TOWNS*<br>LONDON*<br>BRIGHTON<br>PORTSMOUTH<br>NORWICH<br>PLYMOUTH<br>BRISTOL<br>WOLVERHAMPTON<br>BIRMINGHAM<br>LEICESTER*<br>NOTTINGHAM*<br>DERBY<br>BIRKENHEAD<br>LIVERPOOL<br>BOLTON<br>MANCHESTER<br>SALFORD*<br>OLDHAM<br>BLACKBURN<br>PRESTON<br>HUDDESFIELD<br>HALIFAX<br>BRADFORD*<br>LEEDS<br>SHEFFIELD<br>HULL<br>SUNDERLAND<br>NEWCASTLE*<br>CARDIFF* | 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|  |         |   |  |   |          |                   |             |                     |        |            |           |                                      |                                      |                                  |   |                     |                                    |          |    |  |               |                         |       |    |    |           |    |                           |

\* See note on first page of this Return.



*Births and Deaths registered last Week.***TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-SIXTH Weeks of Ten previous Years.**

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2268 | 2427 | 2493 | 2486 | 2470 | 2589 | 2691 | 2483 | 2437 | 2735 | 2734·8   | 2289 |
| Males . .           | 1168 | 1161 | 1265 | 1254 | 1266 | 1263 | 1347 | 1288 | 1246 | 1402 | 1380·6   | 1128 |
| Females .           | 1100 | 1266 | 1223 | 1232 | 1204 | 1326 | 1344 | 1195 | 1191 | 1333 | 1354·2   | 1161 |
| <b>TOTAL Deaths</b> | 1570 | 1272 | 1300 | 1440 | 1303 | 1432 | 1471 | 1366 | 1258 | 1338 | 1499·4   | 1238 |
| Males . .           | 778  | 681  | 687  | 767  | 682  | 753  | 808  | 729  | 659  | 700  | 789·9  | 636  |
| Females .           | 792  | 591  | 613  | 673  | 621  | 679  | 663  | 637  | 599  | 638  | 709·5  | 602  |

\* The numbers in this column are the average weekly numbers in the twenty-sixth weeks of the ten years 1878-87, raised by 9'046 per cent. for increase of population.

**TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.**

|  |   |              | Apr.<br>7. | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. | May<br>5. | May<br>12. | May<br>19. | May<br>26. | June<br>2. | June<br>9. | June<br>16. | June<br>23. | June<br>30. |     |
|--|---|--------------|------------|-------------|-------------|-------------|-----------|------------|------------|------------|------------|------------|-------------|-------------|-------------|-----|
| <b>TOTAL Births</b>                      | - | -            | 2588       | 2831        | 2579        | 2577        | 2650      | 2574       | 2364       | 2278       | 2491       | 2430       | 2399        | 2534        | 2289        |     |
| <b>TOTAL Deaths</b>                      | - | -            | 1593       | 1692        | 1551        | 1437        | 1429      | 1360       | 1469       | 1361       | 1323       | 1219       | 1167        | 1190        | 1238        |     |
| 0—20                                     | - | -            | 716        | 800         | 681         | 628         | 643       | 615        | 637        | 608        | 581        | 527        | 503         | 536         | 563         |     |
| 20—40                                    | - | -            | 189        | 215         | 212         | 177         | 187       | 186        | 212        | 180        | 178        | 156        | 176         | 149         | 171         |     |
| 40—60                                    | - | -            | 270        | 278         | 265         | 277         | 243       | 238        | 272        | 256        | 266        | 248        | 208         | 226         | 213         |     |
| 60—80                                    | - | -            | 320        | 335         | 310         | 303         | 277       | 255        | 276        | 268        | 255        | 245        | 234         | 242         | 241         |     |
| at 80 years & upwds.                     |   |              | 98         | 64          | 83          | 53          | 79        | 66         | 72         | 49         | 43         | 43         | 46          | 37          | 51          |     |
| Deaths of children                       | { | Under 1 year | -          | 346         | 395         | 367         | 329       | 324        | 319        | 296        | 322        | 288        | 264         | 251         | 281         | 297 |
|  |   | 1—5          | -          | 263         | 302         | 229         | 209       | 225        | 190        | 254        | 204        | 184        | 176         | 163         | 155         | 178 |
|  |   | 5—20         | -          | 107         | 103         | 85          | 90        | 94         | 106        | 87         | 82         | 109        | 87          | 89          | 100         | 87  |
| Deaths from Small-pox                    | " |              | -          | -           | -           | 1           | -         | -          | -          | -          | -          | -          | -           | -           | -           |     |
| " " Measles                              | - | -            | 16         | 12          | 18          | 16          | 14        | 22         | 18         | 23         | 24         | 25         | 21          | 18          | 20          |     |
| " " Scarlet fever                        | - | -            | 20         | 17          | 21          | 15          | 23        | 19         | 13         | 17         | 19         | 23         | 19          | 10          | 19          |     |
| " " Diphtheria                           | - | -            | 16         | 19          | 10          | 22          | 15        | 15         | 29         | 19         | 26         | 22         | 18          | 15          | 28          |     |
| " " Whooping-cough                       | - | -            | 89         | 108         | 91          | 80          | 87        | 52         | 64         | 64         | 37         | 33         | 34          | 33          | 27          |     |
| " " Typhus                               | - | -            | -          | -           | -           | -           | 1         | -          | -          | -          | -          | -          | -           | -           | -           |     |
| " " Enteric fever                        | - | -            | 20         | 9           | 13          | 7           | 11        | 9          | 12         | 10         | 9          | 8          | 8           | 15          | 10          |     |
| " " Simple Cont'd fever                  | - | -            | 1          | -           | 1           | -           | -         | 1          | -          | 3          | -          | 1          | 1           | -           | -           |     |
| " " Diarrhoea and Dysentery              | - | -            | 17         | 19          | 23          | 17          | 19        | 14         | 15         | 9          | 19         | 18         | 16          | 18          | 36          |     |
| " " Cholera                              | - | -            | 1          | -           | -           | -           | -         | 1          | -          | 2          | 1          | -          | -           | -           | 2           |     |
| Deaths from the above-mentioned Diseases | } |              | 180        | 184         | 177         | 158         | 176       | 133        | 151        | 147        | 135        | 130        | 117         | 109         | 142         |     |
| " " Dis. of Respiratory System           | } |              | 419        | 444         | 363         | 343         | 287       | 260        | 296        | 228        | 237        | 185        | 213         | 184         | 156         |     |
| " " Phthisis                             | - | -            | 152        | 150         | 137         | 146         | 135       | 134        | 176        | 151        | 157        | 135        | 119         | 133         | 117         |     |
| " " Dis. of Circulatory System           | } |              | 128        | 134         | 129         | 87          | 122       | 119        | 105        | 119        | 109        | 101        | 89          | 95          | 101         |     |
| Violent Deaths                           | - | -            | 56         | 52          | 48          | 56          | 59        | 51         | 63         | 65         | 73         | 51         | 71          | 63          | 64          |     |
| Inquest Cases                            | - | -            | 129        | 121         | 109         | 110         | 101       | 106        | 113        | 108        | 111        | 90         | 103         | 105         | 110         |     |
| Deaths in Public Institutions            |   |              | 347        | 347         | 352         | 352         | 332       | 305        | 370        | 345        | 326        | 275        | 312         | 280         | 302         |     |
| TEMPERATURE OF THE AIR                   |   |              |            |             |             |             |           |            |            |            |            |            |             |             |             |     |
| Mean                                     | - | -            | 37·1       | 42·2        | 48·5        | 45·7        | 49·0      | 52·3       | 55·9       | 54·0       | 55·8       | 58·9       | 57·1        | 54·2        | 61·9        |     |
| Mean of Highest readings                 | - | -            | 47·0       | 50·3        | 59·0        | 51·4        | 58·9      | 64·1       | 68·0       | 66·0       | 69·1       | 71·0       | 69·5        | 61·8        | 72·3        |     |
| Mean of Lowest readings                  | - | -            | 29·3       | 35·3        | 41·2        | 37·8        | 40·2      | 41·2       | 45·6       | 43·2       | 44·3       | 49·8       | 47·8        | 48·1        | 54·3        |     |
| Humidity of the Air                      | - | -            | 78         | 78          | 82          | 86          | 68        | 69         | 69         | 68         | 69         | 77         | 72          | 86          | 83          |     |
| Rain-fall in inches                      | - | -            | 0·08       | 0·11        | 0·65        | 0·67        | 0·16      | 0·00       | 0·32       | 0·00       | 0·16       | 0·17       | 0·54        | 0·27        | 2·37        |     |
| Registered Sunshine (in hours)           |   |              | 29·0       | 21·5        | 35·7        | 8·0         | 43·2      | 51·0       | 39·4       | 62·3       | 43·8       | 21·2       | 51·7        | 17·7        | 29·9        |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

**METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)**

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SIXTH Week of the Year 1888.

| CAUSES OF DEATH.  | Corrected Averages for the 26th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 30th June 1888. |      |      |       |                  |                  |                  |                       | CAUSES OF DEATH.  | Corrected Averages for the 26th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 30th June 1888. |      |      |       |                  |                  |                  |                       |
|---|---|--|------|------|-------|------------------|------------------|------------------|-----------------------|---|---|--|------|------|-------|------------------|------------------|------------------|-----------------------|
|   |   | Deaths of Persons of the Ages                |      |      |       |                  |                  |                  |                       |   |   | Deaths of Persons of the Ages                |      |      |       |                  |                  |                  |                       |
|   |   | ALL AGES.                                    | 0-1. | 1-6. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   | ALL AGES.                                    | 0-1. | 1-6. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |
| ALL CAUSES - -  | 1499.4  | 1238   | 237  | 178  | 87    | 171              | 213              | 241              | 51                    | Diseases of Organs of Special Sense † - -               | 1.9   | 3  | -    | -    | -     | 1                | 2                | -                | -                     |
| Small-pox { Vaccinated † - -<br>Unvaccinated No Statement | 18.5  | -  | -    | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - -                    | 96.7  | 101  | 2    | 4    | 6     | 20               | 29               | 32               | 8                     |
| Measles - - -   | 61.8  | 20   | 4    | 16   | -     | -                | -                | -                | -                     | Croup - - - -   | 11.6  | 7  | 1    | 5    | 1     | -                | -                | -                | -                     |
| Scarlet Fever - -   | 23.1  | 19   | 2    | 12   | 4     | -                | 1                | -                | -                     | Bronchitis - - -  | 110.8   | 71   | 15   | 14   | 2     | -                | 5                | 25               | 10                    |
| Typhus - - -  | 1.5   | -  | -    | -    | -     | -                | -                | -                | -                     | Pneumonia - - -   | 73.5  | 51   | 9    | 17   | 3     | 7                | 8                | 6                | 1                     |
| Relapsing Fever † -                                       | 0.2   | -  | -    | -    | -     | -                | -                | -                | -                     | Pleurisy - - -  | 5.1   | 3  | 1    | -    | -     | 2                | -                | -                | -                     |
| Influenza - - -   | 0.1   | -  | -    | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - -                | 22.1  | 24   | 8    | 5    | 2     | 1                | 4                | 4                | -                     |
| Whooping-cough -  | 63.4  | 27   | 12   | 14   | 1     | -                | -                | -                | -                     | Dentition † - - -                                       | 13.2  | 13   | 6    | 7    | -     | -                | -                | -                | -                     |
| Diphtheria - - -  | 14.9  | 23   | 1    | 16   | 9     | 2                | -                | -                | -                     | Quinsy, Sore Throat † -                                 | 1.9   | 7  | 1    | 1    | -     | -                | -                | -                | -                     |
| Simple Continued and Ill-defined Fever -                  | 2.3   | -  | -    | -    | -     | -                | -                | -                | -                     | Enteritis - - - -                                       | 8.4   | 7  | 2    | 1    | -     | 3                | 1                | 1                | -                     |
| Enteric Fever - -   | 11.9  | 10   | -    | 1    | 5     | 1                | 1                | 2                | -                     | Peritonitis - - -                                       | 8.3   | 5  | 1    | -    | -     | 3                | 1                | -                | -                     |
| Cholera - - -   | 2.6   | 2  | -    | 1    | -     | -                | 1                | -                | -                     | Diseases of Liver - -                                   | 31.9  | 26   | 5    | -    | -     | 4                | 9                | 8                | -                     |
| Diarrhoea, Dysentery                                      | 57.6  | 33   | 21   | 5    | 1     | 1                | 1                | 5                | 2                     | Other Diseases of Digestive System - -                  | 28.2  | 28   | 7    | 2    | 4     | 4                | 5                | 5                | 1                     |
| Remittent Fever † -                                       | 0.2   | 1  | -    | 1    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - | 1.6   | 3  | -    | -    | -     | -                | 1                | 1                | 1                     |
| Hydrophobia - -   | 0.2   | -  | -    | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System - - -                        | 37.3  | 36   | -    | -    | -     | 3                | 14               | 19               | -                     |
| Glanders - - -  | 0.2   | -  | -    | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - -                     | 6.7   | 3  | -    | -    | -     | 1                | 1                | 1                | -                     |
| Cowpox and Effects of Vaccination † - -                   | 0.2   | -  | -    | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth -                               | 4.4   | 2  | -    | -    | -     | 2                | -                | -                | -                     |
| Veneral Affections  | 11.4  | 7  | 3    | -    | -     | 2                | 1                | 1                | -                     | Diseases of Locomotive System † - - -                   | 7.9   | 9  | -    | 1    | 2     | 2                | 4                | -                | -                     |
| Erysipelas - - -  | 4.9   | 6  | -    | -    | 1     | 2                | -                | 2                | 1                     | Diseases of Integumentary System - - -                  | 5.8   | 5  | -    | -    | -     | -                | 1                | 4                | -                     |
| Pyæmia and Septicæmia †                                   | 3.2   | 3  | -    | -    | 1     | 2                | -                | -                | -                     | VIOLENT DEATHS. ‡                                       |   |  |      |      |       |                  |                  |                  |                       |
| Puerperal Fever - -                                       | 3.1   | 4  | -    | -    | 4     | -                | -                | -                | -                     | ACCIDENT.)  |   |  |      |      |       |                  |                  |                  |                       |
| Other Zymotic Diseases †                                  | 2.5   | 1  | 1    | -    | -     | -                | -                | -                | -                     | Fracture and Contusion -                                | 20.6  | 20   | 1    | 4    | 3     | 3                | 5                | 3                | 1                     |
| Thrush - - -  | 3.1   | 2  | 2    | -    | -     | -                | -                | -                | -                     | Gunshot Wound - - -                                     | 0.1   | -  | -    | -    | -     | -                | -                | -                | -                     |
| Worms and other Parasitical Diseases - -                  | 0.5   | -  | -    | -    | -     | -                | -                | -                | -                     | Cut, Stab - - - -                                       | 0.3   | -  | -    | -    | -     | -                | -                | -                | -                     |
| Starvation, Want of Breast-milk † - -                     | 1.4   | 1  | 1    | -    | -     | -                | -                | -                | -                     | Burn and Scald - - -                                    | 3.1   | 3  | -    | 2    | -     | -                | 1                | -                | -                     |
| Alcoholism - - -  | 4.7   | 5  | -    | -    | -     | 4                | 1                | -                | -                     | Poison - - - -  | 1.5   | 3  | -    | 1    | -     | 2                | -                | -                | -                     |
| Rheumatic Fever, Rheumatism of Heart †                    | 5.5   | 14   | -    | -    | 4     | 6                | 1                | 3                | -                     | Drowning - - - -  | 9.9   | 6  | -    | -    | 1     | 3                | 1                | 1                | -                     |
| Rheumatism † - -  | 1.8   | 3  | -    | -    | -     | 1                | 1                | 1                | -                     | Suffocation - - -                                       | 9.3   | 20   | 19   | 1    | -     | -                | -                | -                | -                     |
| Gout - - - -  | 4.0   | -  | -    | -    | -     | -                | -                | -                | -                     | Otherwise - - - -                                       | 2.6   | 2  | -    | -    | 1     | -                | -                | 1                | -                     |
| Rickets † - - -   | 2.8   | 2  | -    | 2    | -     | -                | -                | -                | -                     | (HOMICIDE.)   |   |  |      |      |       |                  |                  |                  |                       |
| Cancer - - - -  | 50.7  | 64   | -    | -    | 2     | 5                | 25               | 31               | 1                     | Murder & Manslaughter                                   | 1.1   | 1  | 1    | -    | -     | -                | -                | -                | -                     |
| Tubercular Meningitis                                     | 32.7  | 13   | 8    | 7    | 3     | -                | -                | -                | -                     | (SUICIDE.)  |   |  |      |      |       |                  |                  |                  |                       |
| Phthisis - - - -  | 173.7   | 117  | 2    | 1    | 12    | 54               | 39               | 3                | -                     | Gunshot Wound - - -                                     | 0.5   | 1  | -    | -    | -     | 1                | -                | -                | -                     |
| Scrophula, Tuberculosis                                   | 17.8  | 19   | 5    | 5    | 4     | 2                | 3                | -                | -                     | Cut, Stab - - - -                                       | 2.7   | 1  | -    | -    | -     | -                | -                | -                | -                     |
| Other Constitutional Diseases † - -                       | 10.4  | 10   | 1    | -    | 1     | 2                | 3                | 3                | -                     | Poison - - - -  | 1.0   | 3  | -    | -    | -     | 2                | 1                | -                | -                     |
| Premature Birth - -                                       | 33.5  | 22   | 22   | -    | -     | -                | -                | -                | -                     | Drowning - - - -  | 1.3   | -  | -    | -    | -     | -                | -                | -                | -                     |
| Atelectasis † - -   | 1.6   | 4  | 4    | -    | -     | -                | -                | -                | -                     | Hanging - - - -   | 2.6   | 3  | -    | -    | -     | 1                | 2                | -                | -                     |
| Congenital Malformations - -                              | 6.4   | 7  | 5    | 1    | -     | -                | 1                | -                | -                     | Otherwise - - - -                                       | 1.1   | 1  | -    | -    | -     | 1                | -                | -                | -                     |
| Old Age - - - -   | 48.9  | 41   | -    | -    | -     | -                | -                | 22               | 19                    | (EXECUTION.)  |   |  |      |      |       |                  |                  |                  |                       |
| Apoplexy - - - -  | 41.5  | 51   | 2    | -    | -     | 5                | 17               | 24               | 3                     | Hanging - - - -   | 0.0   | -  | -    | -    | -     | -                | -                | -                | -                     |
| Epilepsy - - - -  | 7.7   | 10   | -    | -    | -     | 3                | 4                | 3                | -                     | OTHER CAUSES † - -                                      | 51.3  | 53   | 44   | 3    | 1     | -                | 1                | 4                | -                     |
| Convulsions - - -   | 43.1  | 53   | 45   | 10   | 1     | -                | -                | -                | -                     |   |   |  |      |      |       |                  |                  |                  |                       |
| Other Diseases of Brain and Nervous System †              | 86.2  | 84   | 14   | 13   | 9     | 8                | 17               | 20               | 3                     |   |   |  |      |      |       |                  |                  |                  |                       |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.045 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| The DEATHS registered in the Week include                                   |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                      |                              |            |           |                |     |                                   |                     |
|---|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------------|------------------------------|------------|-----------|----------------|-----|-----------------------------------|---------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                      |                              |            |           |                |     | Deaths in Public<br>Institutions. | Uncertified Causes. |
|   |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas<br>(or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |     |                                   |                     |
| LONDON . . . . .  | 3,815,704                                    | 2289                                | 1238                                | 297                             | 292                                 | -           | 20       | 19             | 28          | 27              | -       | 10                                   | -                            | 36         | 64        | 110            | 302 |                                   |                     |
| WEST DISTRICTS . . . . .  | 669,483                                      | 348                                 | 235                                 | 58                              | 57                                  | -           | 8        | 2              | 10          | 5               | -       | 2                                    | -                            | 9          | 11        | 25             | 80  |                                   |                     |
| NORTH DISTRICTS . . . . .   | 905,947                                      | 510                                 | 245                                 | 53                              | 61                                  | -           | 3        | 3              | 3           | 7               | -       | -                                    | -                            | 6          | 13        | 24             | 49  |                                   |                     |
| CENTRAL DISTRICTS . . . . .   | 392,298                                      | 188                                 | 98                                  | 23                              | 15                                  | -           | -        | -              | 4           | 1               | -       | 1                                    | -                            | 4          | 4         | 7              | 42  |                                   |                     |
| EAST DISTRICTS . . . . .  | 692,738                                      | 446                                 | 263                                 | 63                              | 59                                  | -           | 8        | 10             | 6           | 6               | -       | 4                                    | -                            | 7          | 17        | 33             | 65  |                                   |                     |
| SOUTH DISTRICTS . . . . .   | 1,265,148                                    | 847                                 | 397                                 | 100                             | 100                                 | -           | 1        | 4              | 5           | 8               | -       | 3                                    | -                            | 10         | 19        | 21             | 68  |                                   |                     |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| WEST DISTRICTS.   |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                      |                              |            |           |                |     |                                   |                     |
| St. Mary Paddington WHH G.J. & W.M.   | 69888  | 36                                  | 24                                  | 6                               | 5                                   | -           | 3        | -              | 2           | 1               | -       | -                                    | -                            | 1          | -         | 1              | 2   |                                   |                     |
| St. John Paddington H - G.J.  | 87380  | 7                                   | 10                                  | 3                               | 2                                   | -           | -        | -              | 1           | -               | -       | -                                    | -                            | -          | 1         | 1              | 5   |                                   |                     |
| Kensington Town Ww - W.M.   | 120141                                       | 61                                  | 36                                  | 5                               | 11                                  | -           | 4        | -              | 1           | -               | 1       | -                                    | 1                            | 1          | 1         | 2              | 13  |                                   |                     |
| Brompton HH - W.M. & C.   | 43010  | 10                                  | 18                                  | 4                               | 3                                   | -           | -        | -              | -           | -               | -       | 1                                    | -                            | -          | 1         | 2              | 3   |                                   |                     |
| St. Peter Hammersmith - W.M.  | 7599   | 2                                   | 3                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 1              | -   |                                   |                     |
| St. Paul Hammersmith H W.M. & G.J.  | 64340  | 48                                  | 21                                  | 8                               | 6                                   | -           | 1        | -              | 2           | -               | -       | -                                    | -                            | 2          | 1         | 4              | 11  |                                   |                     |
| Fulham Ww - W.M. & C.   | 42900  | 52                                  | 27                                  | 6                               | 7                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 2              | 2   |                                   |                     |
| Chelsea South HHH - C.  | 80396  | 17                                  | 7                                   | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | -         | -              | -   |                                   |                     |
| Chelsea North-west WHHHHH - C.  | 24925  | 11                                  | 21                                  | 4                               | 7                                   | -           | -        | -              | -           | -               | 1       | -                                    | -                            | -          | -         | 1              | -   |                                   |                     |
| Chelsea North-east - C.   | 32897  | 32                                  | 7                                   | 5                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| May Fair WW - G.J.  | 80353  | 6                                   | 14                                  | 2                               | 4                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 4              | 6   |                                   |                     |
| Belgrave WHHH - C.  | 59220  | 27                                  | 23                                  | 5                               | -                                   | -           | -        | -              | 3           | -               | 1       | -                                    | -                            | 1          | 1         | 2              | 12  |                                   |                     |
| St. John Westminster HHH - C.   | 35496  | 19                                  | 9                                   | 3                               | 2                                   | -           | -        | -              | 2           | -               | -       | 1                                    | -                            | -          | 1         | 1              | 5   |                                   |                     |
| St. Margaret Westminster H - C.   | 24679  | 9                                   | 6                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| St. James Westminster WHH N.R. & G.J.                                       | 29041  | 9                                   | 6                                   | 1                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | -         | 1              | 1   |                                   |                     |
| St. Anne Soho HHHHHH - N.R.   | 18608  | 2                                   | 8                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| NORTH DISTRICTS.  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                      |                              |            |           |                |     |                                   |                     |
| All Souls Marylebone HHHH - W.M.  | 26759  | 14                                  | 7                                   | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 2              | 7   |                                   |                     |
| Cavendish Square HHHH - W.M.  | 14891  | 7                                   | 15                                  | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Restory Marylebone WH G.J. & W.M.   | 24809  | 10                                  | 1                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | 1   |                                   |                     |
| St. Mary Maryleb. HHH G.J. & W.M.   | 21118  | 30                                  | 4                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | 2         | 3              | -   |                                   |                     |
| Christchurch Marylebone H - W.M.  | 38700  | 12                                  | 12                                  | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| St. John Marylebone H - W.M.  | 33633  | 23                                  | 6                                   | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Hampstead WwHHHH N.R. & W.M.  | 45452  | 21                                  | 7                                   | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 2              | -   |                                   |                     |
| Regent's Park Paneras H - W.M.  | 89115  | 7                                   | 7                                   | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 9                                   | 14                                  | 5                               | 2                                   | -           | 1        | -              | 1           | -               | -       | -                                    | -                            | -          | -         | -              | 7   |                                   |                     |
| Gray's Inn Lane HHH - N.R.  | 30247  | 15                                  | 4                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | 1   |                                   |                     |
| Somers Town H - N.R.  | 94369  | 20                                  | 11                                  | 2                               | 4                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 2          | -         | -              | -   |                                   |                     |
| Camden Town WH - N.R.   | 17311  | 14                                  | 4                                   | -                               | 1                                   | -           | -        | -              | -           | -               | 2       | -                                    | -                            | 1          | 2         | 3              | 6   |                                   |                     |
| Kentish Town W - N.R.   | 87487  | 55                                  | 25                                  | 8                               | 8                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Upper Holloway WWWH - N.R.  | 67946  | 42                                  | 35                                  | 6                               | 9                                   | -           | -        | -              | 2           | 1               | -       | -                                    | -                            | 1          | 1         | 2              | 11  |                                   |                     |
| Islington South-west HH - N.R.  | 100976                                       | 55                                  | 25                                  | 3                               | 5                                   | -           | 1        | 2              | -           | 2               | -       | -                                    | -                            | -          | 1         | 2              | -   |                                   |                     |
| Islington South-east - N.R.   | 61895  | 32                                  | 7                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Highbury H - N.R.   | 52048  | 14                                  | 6                                   | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Stoke Newington H - N.R.  | 22781  | 21                                  | 5                                   | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Stamford Hill - E.L.  | 9277   | 5                                   | 1                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| West Hackney - N.R.   | 87610  | 18                                  | 6                                   | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Hackney WwWH - E.L. & N.R.  | 76911  | 59                                  | 37                                  | 8                               | 3                                   | -           | 1        | -              | -           | 2               | -       | -                                    | -                            | 1          | 3         | 6              | 13  |                                   |                     |
| South Hackney - E.L.  | 39983  | 27                                  | 9                                   | 3                               | 3                                   | -           | -        | -              | 1           | -               | -       | -                                    | -                            | -          | 2         | 2              | -   |                                   |                     |
| CENTRAL DISTRICTS.  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                      |                              |            |           |                |     |                                   |                     |
| St. George Bloomsbury - N.R.  | 16331  | 5                                   | 3                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| St. Giles South WH - N.R.   | 14864  | 15                                  | 8                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 1              | 3   |                                   |                     |
| St. Giles North - N.R.  | 18837  | 4                                   | 2                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508  | 4                                   | 5                                   | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | 4   |                                   |                     |
| St. Mary-le-Strand H - N.R.   | 7515   | 1                                   | 5                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 1              | -   |                                   |                     |
| St. Clement Danes H - N.R.  | 8559   | 1                                   | 3                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 1              | 2   |                                   |                     |
| Strand Union Workhouse, Edmonton w.   | -  | -                                   | 1                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | 1   |                                   |                     |
| St. Geo. the Martyr HHHHHH N.R.   | 18671  | 8                                   | 15                                  | 2                               | 2                                   | -           | -        | -              | 2           | -               | -       | -                                    | -                            | 1          | -         | 1              | 6   |                                   |                     |
| St. Andrew Eastern W - N.R.   | 10706  | 4                                   | 5                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | 3   |                                   |                     |
| Saffron Hill H - N.R.   | 6533   | 5                                   | 2                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| St. James Clerkenwell - N.R.  | 17516  | 6                                   | 3                                   | 3                               | -                                   | -           | -        | -              | -           | 1               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Amwell Clerkenwell - N.R.   | 19281  | 14                                  | 6                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 1              | -   |                                   |                     |
| Pentonville - N.R.  | 14773  | 10                                  | 3                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Goosewell-street - N.R.   | 17506  | 13                                  | 2                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Old-street H - N.R.   | 11541  | 11                                  | 3                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | -         | -              | -   |                                   |                     |
| City-road HHL - N.R.  | 18628  | 19                                  | 8                                   | 5                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | -         | -              | 3   |                                   |                     |
| Whitecross-street - N.R.  | 9217   | 2                                   | 2                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 1              | -   |                                   |                     |
| Finsbury - N.R.   | 7463   | 2                                   | 2                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Holborn Union Workhouse, Mitcham, w.  | -  | -                                   | -                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | 2   |                                   |                     |
| St. Botolph H - N.R. & E.L.   | 11174  | 3                                   | 4                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 1              | -   |                                   |                     |
| Cripplegate - N.R.  | 7193   | 3                                   | 1                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| St. Sepulchre H - N.R.  | 5353   | 2                                   | 18                                  | -                               | 2                                   | -           | -        | -              | -           | 2               | -       | 1                                    | -                            | -          | 1         | -              | 18  |                                   |                     |
| St. Bride W - N.R.  | 8396   | 2                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Alhambra Barking - N.R.   | 13666  | 2                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |
| Broad Street H - N.R.   | 5852   | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -              | -   |                                   |                     |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts: G.J. signifies Grand Junction Company; W.M. West Middle ex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London and K. the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
Friday, the 30th June, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total Births during<br>the<br>Week. | Total Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                |  |  |                                     |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |  |  |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Cause<br>of Death. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EAST DISTRICTS.                |  |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-  
Marylebone Infirmary in Kensington Town sub-district.  
Central London Sick Asylum in Tottenham Court-road sub-district.  
Holborn Infirmary in Upper Holloway sub-district.  
London City Workhouse " Hoxton New Town sub-district.  
Holborn " " Mile End Old Town Eastern sub-dist.  
Whitechapel " " Mile End Old Town Eastern sub-dist.  
London City " " and Bromley sub-district.  
Private Lunatic Asylums in which paupers are received.  
Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum.  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during the Week ending Saturday, 30th June, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |    |                |                                   |                     |
|---|----------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----|----------------|-----------------------------------|---------------------|
|   |                                  |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |    | Inquest Cases. | Deaths in Public<br>Institutions. | Unidentified Causes |
|   |                                  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |    |                |                                   |                     |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957   | 743     | 292     | 65  | 80                                  | -           | 1        | 4              | 3           | 4               | 2      | 6          | 9         | 18 | 35             |                                   |                     |
| 30:1  | Carshalton <i>wL</i> -           | 12228  | 21113   | 14      | 8       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 5              |                                   |                     |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710   | 5       | 3       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 37:1  | Godstone (part of)* -            | 2754   | 1235  | 2       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 38:1  | Croydon <i>WwHHL</i> -           | 20851  | 101241  | 49      | 26      | 8   | 7                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 2  | 4              |                                   |                     |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17932   | 8       | 8       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 2  | 1              |                                   |                     |
| 39:1  | Wimbledon <i>HHH</i> -           | 3220   | 15950   | 11      | 12      | 4   | 2                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -  | -              |                                   |                     |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354   | 19      | 8       | 3   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -  | 2              |                                   |                     |
| 3   | Esher (part of)* -               | 6601   | 9221  | 3       | 6       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 4   | Hampton <i>H</i> -               | 4573   | 13539   | 17      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1              |                                   |                     |
| 40:1  | Richmond <i>WH</i> -             | 2272   | 21302   | 12      | 7       | 1   | 2                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | 2              |                                   |                     |
| 2   | Mortlake -                       | 2941   | 12331   | 10      | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 41:1  | Bromley (pt. of)* <i>HH</i>      | 15669  | 81142   | 19      | 11      | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844   | 15      | 4       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 42:1  | Bexley <i>H</i> -                | 13437  | 24134   | 16      | 7       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -              |                                   |                     |
| 124:1   | Sunbury <i>w</i> -               | 11055  | 11685   | 4       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | -              |                                   |                     |
| 2   | Staines <i>W</i> -               | 13277  | 12089   | 10      | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 125:1   | Hillingdon <i>WHH</i> -          | 6029   | 10892   | 6       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | 1              |                                   |                     |
| 2   | Uxbridge -                       | 6178   | 3225  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 3   | Hayes <i>wHL</i> -               | 14587  | 11523   | 10      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 2              |                                   |                     |
| 126:1   | Isleworth <i>WHH</i> -           | 7003   | 22727   | 16      | 10      | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | 3              |                                   |                     |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479   | 14      | 3       | 1   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -              |                                   |                     |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649   | 15      | 9       | 4   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 2  | -              |                                   |                     |
| 4   | Chiswick -                       | 1340   | 15975   | 11      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 5   | Acton <i>wH</i> -                | 6082   | 22376   | 17      | 6       | 5   | -                                   | -           | -        | -              | -           | -               | -      | 2          | -         | -  | -              |                                   |                     |
| 127:1   | Harrow <i>H</i> -                | 13809  | 12796   | 10      | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 2   | Edgware <i>H</i> -               | 6994   | 3749  | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 3   | Willesden -                      | 4383   | 27453   | 25      | 13      | 2   | 4                                   | -           | -        | 2              | -           | -               | -      | -          | -         | 1  | -              |                                   |                     |
| 4   | Hendon <i>W</i> -                | 8382   | 10484   | 11      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | 1              |                                   |                     |
| 128:1   | South Mimms -                    | 15599  | 6391  | 1       | 3       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -              |                                   |                     |
| 2   | Barnet -                         | 8433   | 10092   | 14      | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | 1              |                                   |                     |
| 3   | Finchley <i>HL</i> -             | 4638   | 17615   | 11      | 6       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 3              |                                   |                     |
| 129:1   | Hornsey <i>H</i> -               | 3039   | 37078   | 19      | 8       | 2   | 1                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456   | 65      | 16      | 3   | 6                                   | -           | -        | -              | -           | -               | 1      | 1          | 1         | 3  | 1              |                                   |                     |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23463   | 16      | 6       | -   | 4                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | 3              |                                   |                     |
| 4   | Enfield <i>WH</i> -              | 12553  | 19104   | 20      | 9       | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | 1              |                                   |                     |
| 5   | Waltham Abbey -                  | 11017  | 5248  | 8       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -              |                                   |                     |
| 6   | Cheshunt -                       | 8480   | 7735  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 135:1   | Hatfield (part of)* -            | 3806   | 533   | 2       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 137:1   | Bushey -                         | 9331   | 6621  | 5       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -              |                                   |                     |
| 138:1   | Stratford -                      | 882  | 38606   | 25      | 11      | 4   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 2   | West Ham <i>wowH§</i> -          | 7351   | 101053  | 124     | 31      | 6   | 5                                   | -           | -        | -              | 1           | 1               | -      | -          | -         | -  | -              |                                   |                     |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430   | 33      | 11      | 3   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 4              |                                   |                     |
| 4   | Walthamstow <i>H</i> -           | 6520   | 26869   | 30      | 10      | 3   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 137:1   | Chigwell (part of)* <i>H</i>     | 11761  | 9639  | 2       | 5       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 139:1   | Romford (part of)* <i>W</i>      | 6730   | 3411  | 4       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 2   | Ilford -                         | 8493   | 7645  | 6       | 1       | -   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -  | -              |                                   |                     |
| 3   | Barking Town -                   | 4127   | 9203  | 6       | 3       | 1   | -                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -  | -              |                                   |                     |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37:1, the parishes of Warrington and Farley in Godstone sub-district: 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadham and Knechtolt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

§ Exclusive of deaths of London residents in the Strand Union Workhouse and in the Metropolitan Asylum Hospital at Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 30th June, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |  | Deaths in Public<br>Institutions. |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  |  |                                   |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |  |                                   |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |            |           |     |  |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16  |  |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 14.4  | 1.5                                   | 1530                             | 362                                       | 372  | -           | 21       | 23                | 31          | 31                  | 12     | 42         | 73        | 337 |  |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 15.1  | 1.7                                   | 1233                             | 297                                       | 292  | -           | 20       | 19                | 28          | 27                  | 10     | 36         | 64        | 302 |  |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 12.2  | 0.8                                   | 292                              | 65  | 80   | -           | 1        | 4                 | 3           | 4                   | 2      | 6          | 9         | 35  |  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,287,049 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                          |
|----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA - -                     | 433,219                               | May 26                      | -                               | 181     | 21.8                               | Fevers 56; cholera 15.                                  |
| BOMBAY - -                       | 773,196                               | June 5                      | 322                             | 492     | 23.4                               | Fevers 167; cholera 12; small-pox 17.                   |
| MADRAS - -                       | 398,777                               | May 18                      | 286                             | 276     | 36.1                               | Fevers 63; cholera 4; diarrhoeal diseases 35.           |
| PARIS - - -                      | 2,260,945                             | June 23                     | 1077                            | 833     | 19.2                               | Diph. & erp. 13; typh. fev. 21; sm.-pox 6; meas. 11.    |
| BRUSSELS - - (with 8 Faubourgs.) | 462,069                               | " 23                        | 247                             | 166     | 18.7                               | Measles 6; diarr. dis. 26.                              |
| AMSTERDAM -                      | 390,016                               | " 23                        | 249                             | 156     | 20.8                               | Whooping-cough 3.                                       |
| ROTTERDAM -                      | 193,658                               | " 23                        | 123                             | 71      | 19.0                               | -   |
| THE HAGUE -                      | 149,477                               | " 23                        | 102                             | 55      | 19.1                               | Whooping-cough 2.                                       |
| COPENHAGEN -                     | 300,000                               | " 12                        | 200                             | 129     | 22.4                               | Diphtheria 6; scarlet fev. 2; wh.-cough 2.              |
| STOCKHOLM -                      | 221,549                               | " 16                        | 138                             | 82      | 19.2                               | Diphtheria and croup 3; typh. fev. 3; wh.-cgh. 7.       |
| CHRISTIANIA -                    | 134,000                               | " 23                        | 73                              | 67      | 25.7                               | Diphtheria and croup 4; scar. fev. 2.                   |
| ST. PETERSBURG                   | 928,016                               | " 16                        | -                               | 628     | 35.3                               | Typ. & tpd. fev. 27; meas. 60; sc. fev. 11; d. dis. 74. |
| BERLIN - -                       | 1,413,603                             | " 9                         | 816                             | 552     | 20.1                               | Diph. 14; scar. fev. 5; whooping-cough 10.              |
| HAMBURG(State)                   | 529,091                               | " 16                        | 360                             | 296     | 20.2                               | Diphtheria and croup 15; tp. & td. fv. 5; meas. 44.     |
| DRESDEN - -                      | 259,142                               | " 9                         | 177                             | 104     | 20.9                               | Diphtheria and croup 2; diarrhoeal dis. 16.             |
| BRESLAW - -                      | 313,451                               | " 16                        | 207                             | 167     | 28.4                               | Diphtheria 10; diarrhoeal diseases 26.                  |
| MUNICH - -                       | 275,000                               | " 16                        | 191                             | 149     | 28.2                               | Diphtheria and croup 2; sc. fv. 3; diarr. dis. 42.      |
| VIENNA - -                       | 800,836                               | " 16                        | 512                             | 391     | 25.4                               | Diph. 5; scar. fev. 5; sm.-pox 4; meas. 8.              |
| PRAGUE - -                       | 295,857                               | " 16                        | -                               | 183     | 32.8                               | Small-pox 14; meas. 8; typhus & typh. fev. 5.           |
| BUDA-PESTH -                     | 442,787                               | " 16                        | 304                             | 269     | 31.6                               | Diph. 6; scar. fever 3; diarrhoeal diseases 53.         |
| TRIESTE - -                      | 156,042                               | " 16                        | -                               | 69      | 23.0                               | Small-pox 5.  |
| ROME - -                         | 382,973                               | May 12                      | 188                             | 153     | 20.8                               | Measles 6; malarial fev. 4.                             |
| TURIN (11 days)                  | 294,826                               | " 31                        | 282                             | 183     | 20.7                               | Diph. 5; scar. fever 2; diar. dis. 14.                  |
| VENICE - -                       | 150,502                               | June 16                     | 75                              | 75      | 26.0                               | Diarrhoeal diseases 12.                                 |
| CAIRO - -                        | 374,888                               | " 7                         | 328                             | 447     | 62.2                               | Typhd. fev. 14; diarrhoeal dis. 165; wh.-cgh. 16.       |
| ALEXANDRIA -                     | 231,396                               | " 7                         | 178                             | 155     | 34.0                               | Typd. fev. 2; diarrhoeal diseases 33.                   |
| NEW YORK -                       | 1,493,000                             | " 9                         | -                               | 720     | 25.2                               | Diph. 43; scar. fever 32; measles 16; sm.-pox 2.        |
| BROOKLYN -                       | 774,870                               | " 9                         | -                               | 261     | 17.6                               | Diph. 23; scar. fev. 12; croup 4.                       |
| PHILADELPHIA -                   | 1,016,758                             | " 9                         | -                               | 320     | 16.4                               | Diphtheria 4; croup 7; typh. fev. 10; sm.-pox 3.        |
| BALTIMORE -                      | 447,155                               | " 9                         | -                               | 141     | 16.8                               | Typhd. fev. 2; measles 5.                               |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 30TH JUNE, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.               |    | TEMPERATURE.        |   |             |       |           |            |                   |                   |  |                  | TEMPERATURE.                              |                           |                  |            | TEMPERATURE.                            |      |               |                    | Wind as deduced from Anemometers. |                        |                                  |   | Rain collected in a Gauge whose receiving surface is 9 inches of the ground. |      |      |
|---------------------|----|---------------------|---|-------------|-------|-----------|------------|-------------------|-------------------|--|------------------|---|---------------------------|------------------|------------|---|------|---------------|--------------------|-----------------------------------|------------------------|----------------------------------|---|--|------|------|
| Phases of the Moon. |    | BAROMETER.          |   | Of the Air. |       |           |            | Of the Dew Point. |                   | Differences between the Air Temperature and Dew Point Temperature. |                  | Degree of Saturation (Satety equals 100). |                           | Of Radiation.    |            | Of the Water of the Thames at Deptford. |      | Oiler's.      |                    | Robinson's.                       |                        | Miles.                           |   | Miles.   |      |      |
|                     |    | Mean daily reading. | Mean daily reading corrected to 32° Fahr. (Fah.). | Low.        | High. | Low. est. | High. est. | Daily Range.      | Mean daily value. | Mean daily value.  | Mean Great. est. | Least.                                    | High. est. in sun's rays. | Lowest in Grass. | High. est. | Low. est.                               | A.M. | P.M.          | General Direction. | Pressure on the Square Foot.      | Mean of 24 hourly obs. | Horizontal Movement on each Day. | Departure from Average of the 10 Years. | Miles.   | lbs. | in.  |
| JUNE.               |    |                     |   |             |       |           |            |                   |                   |  |                  |   |                           |                  |            |   |      |               |                    |                                   |                        |                                  |   |  |      |      |
| SUN.                | 24 | 29.816              | 77.5  | 52.2        | 77.5  | 25.3      | 63.1       | 1.4               | 61.2              | 1.9  | 13.6             | 0.0                                       | 14                        | 133.0            | 50.0       | 60.2                                    | 59.7 | N.N.E. & N.E. | E.                 |                                   | 1.7                    | 0.0                              | 0.3                                     | 244  | 3    | 0.07 |
| MON.                | 25 | 29.782              | 85.0  | 58.1        | 72.1  | 26.9      | 72.1       | 10.2              | 61.2              | 10.9   | 19.7             | 0.4                                       | 69                        | 140.2            | 54.1       | 61.0                                    | 60.9 | E. & E.N.E.   | E.S.E.             |                                   | 1.9                    | 0.0                              | 0.1                                     | 159  | 84   | 0.00 |
| TUES.               | 26 | 29.642              | 72.9  | 60.1        | 64.9  | 12.8      | 64.9       | 2.9               | 63.3              | 1.6  | 8.3              | 0.0                                       | 95                        | 93.5             | 54.2       | 62.8                                    | 62.5 | Variable      | S.W.               |                                   | 1.5                    | 0.0                              | 0.1                                     | 135  | 111  | 1.70 |
| WED.                | 27 | 29.521              | 69.7  | 56.0        | 61.4  | 13.7      | 61.4       | 0.6               | 57.1              | 4.3  | 13.0             | 0.0                                       | 86                        | 117.6            | 55.0       | 63.1                                    | 62.9 | S.W. & S.S.W. | S.W. & S.S.W.      |                                   | 4.0                    | 0.0                              | 0.3                                     | 254  | 6    | 0.33 |
| THURS.              | 28 | 29.436              | 83.1  | 52.5        | 57.6  | 15.6      | 57.6       | 4.3               | 52.8              | 4.8  | 13.3             | 0.5                                       | 84                        | 129.6            | 49.0       | 64.3                                    | 63.1 | S.W.          | WSW. & S.W.        |                                   | 4.3                    | 0.0                              | 0.5                                     | 318  | 63   | 0.08 |
| FRI.                | 29 | 29.376              | 88.4  | 51.8        | 58.6  | 16.6      | 58.6       | 3.2               | 51.4              | 7.2  | 15.1             | 1.0                                       | 77                        | 130.2            | 48.0       | 63.2                                    | 62.9 | S.W. & W.S.W. | WSW. & N.N.E.      |                                   | 6.0                    | 0.0                              | 0.5                                     | 307  | 66   | 0.19 |
| SAT.                | 30 | 29.564              | 64.7  | 40.2        | 55.4  | 15.5      | 55.4       | 6.3               | 46.8              | 8.6  | 16.6             | 0.0                                       | 73                        | 117.5            | 47.9       | 63.8                                    | 62.1 | N. & N.W.     | N.                 |                                   | 3.6                    | 0.0                              | 0.7                                     | 297  | 45   | 0.00 |
| MEANS               | .. | 29.501              | 72.3  | 54.3        | 61.9  | 18.1      | 61.9       | 0.0               | 56.3              | 5.6  | 14.2             | 0.3                                       | 83                        | 123.1            | 51.2       | 62.0                                    | 62.0 | SW.           |                    |                                   | ..                     | ..                               | Sum 1714                                | Sum 23.37  | 25   | 26   |
| No. of Col.         | 3  | 4                   | 5   | 6           | 7     | 8         | 9          | 10                | 11                | 12   | 13               | 14  | 15                        | 16               | 17         | 18                                      | 19   | 20            | 21                 | 22                                | 23                     | 24                               | 25                                      | 26   | 27   |      |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's *Hygro-metrical Tables*.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "*higher*," and - "*lower*," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - P. positive; N. negative; w. weak; m. moderate; s. strong; and V. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the middle of the day or from midnight to midnight.

The reading of the barometer decreased from 29.1 in. at the beginning of the week to 29.35 in.

GENERAL REMARKS.

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In early morning showers of rain with occasional lightning; overcast till 11. p.m.; fine with light clouds afterwards. Lightning at night.

Fine; partially cloudy. Sultry. Distant thunder in afternoon. Lightning at night.

Overcast generally. Occasional thunder showers in morning and afternoon; violent thunderstorm in evening.

Overcast generally. Frequent rain. Distant thunder at night.

Cloudy; showery. Distant thunder in afternoon.

Fine but generally cloudy till evening, with one heavy shower between 10h. a.m. and 11h. a.m.; overcast with rain at night.

Fine; cloudy.

| DATE.     |    | (For explanation of<br>symbols, see Note.)  | Registered<br>Sailing,<br>in hours. |              | Home<br>Sailing,<br>in hours. |  |
|-----------|----|---|-------------------------------------|--------------|-------------------------------|--|
| JUNE.     |    |   |                                     |              |                               |  |
| SUNDAY    | 24 | s. N. in early morning, P. till the remainder of the day.   | 6.3                                 | 16.6         |                               |  |
| MONDAY    | 25 | w. P. in morning ; m. P. afterwards.  | 8.8                                 | 16.6         |                               |  |
| TUESDAY   | 26 | Loss of register till 9h. A.M. ; w. N. and v. P. afterwards.  | 0.2                                 | 16.5         |                               |  |
| WEDNESDAY | 27 | w. P. generally ; w. N. at times.   | 0.4                                 | 16.5         |                               |  |
| THURSDAY  | 28 | w. P. till 2h. P.M. ; s. N. and s. P. till 7h. A.M. ; m. P. afterwards ; w. P. generally ; s. N. till 10h. A.M. and 11h. A.M. | 3.3                                 | 16.5         |                               |  |
| FRIDAY    | 29 |   | 4.6                                 | 16.5         |                               |  |
| SATURDAY  | 30 | w. P. till 9h. A.M. ; w. N. and v. P. afterwards.   | 6.3                                 | 16.5         |                               |  |
|           |    |   | Sum<br>29.9                         | Sum<br>115.7 |                               |  |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 27. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JULY 7. [Price 1½d.

General Register Office, Somerset House,  
9th July, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 15·0 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |          |          |         | TOWNS.             | Weeks ending |          |          |         |
|--------------|--------------|----------|----------|---------|--------------------|--------------|----------|----------|---------|
|              | June 16.     | June 23. | June 30. | July 7. |                    | June 16.     | June 23. | June 30. | July 7. |
| Birkenhead   | 9·9          | 10·4     | 17·2     | 11·5    | Liverpool          | 15·7         | 16·0     | 16·1     | 15·8    |
| Birmingham   | 14·0         | 14·3     | 14·2     | 15·4    | London             | 14·2         | 14·5     | 15·1     | 14·8    |
| Blackburn    | 23·2         | 18·9     | 14·5     | 13·6    | Manchester         | 27·9         | 22·5     | 21·2     | 21·0    |
| Bolton       | 22·1         | 23·4     | 20·7     | 18·9    | Newcastle-on-Tyne* | 24·6         | 19·7     | 15·8     | 20·3    |
| Bradford*    | 17·5         | 12·5     | 15·0     | 13·4    | Norwich            | 20·1         | 12·8     | 15·0     | 17·8    |
| Brighton     | 12·6         | 18·7     | 10·4     | 9·1     | Nottingham*        | 19·4         | 9·9      | 15·1     | 9·9     |
| Bristol      | 17·0         | 12·4     | 13·8     | 12·9    | Oldham             | 22·7         | 18·1     | 15·9     | 17·4    |
| Cardiff*     | 16·3         | 15·9     | 15·9     | 13·9    | Plymouth           | 12·1         | 23·5     | 20·1     | 17·5    |
| Derby        | 10·3         | 14·1     | 15·2     | 19·0    | Portsmouth         | 16·8         | 11·6     | 15·3     | 12·7    |
| Halifax      | 23·4         | 16·3     | 20·2     | 12·4    | Preston            | 23·7         | 24·3     | 27·8     | 22·2    |
| Huddersfield | 19·4         | 16·6     | 12·6     | 12·0    | Salford*           | 18·7         | 21·4     | 26·0     | 15·9    |
| Hull         | 17·0         | 15·0     | 14·7     | 13·7    | Sheffield          | 15·6         | 15·7     | 17·0     | 14·3    |
| Leeds        | 18·0         | 15·0     | 15·3     | 15·3    | Sunderland         | 15·4         | 16·2     | 13·4     | 18·2    |
| Leicester*   | 10·7         | 17·8     | 15·3     | 11·4    | Wolverhampton      | 19·8         | 16·6     | 16·0     | 12·8    |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Wolverhampton; from *whooping-cough*, 1·4 in Cardiff and 1·7 in Manchester; and from "*fever*" 1·1 in Derby. The death-rate from *scarlet fever* did not reach 1·0 per 1000 in any of the twenty-eight towns. The 33 deaths from *diphtheria* in these towns included 29 in London. *Small-pox* caused 7 deaths in Preston and one in Bradford, but not one in any of the twenty-five other large provincial towns, or in London.

## LONDON.

In LONDON† 2348 BIRTHS and 1211 DEATHS were registered. Allowing for increase of population, the births were 332, and the deaths 372, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·5 and 15·1 in the preceding two weeks, declined again last week to 14·8. During the thirteen weeks of last quarter the death-rate averaged 16·9 per 1,000, which was 3·0 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1211 deaths included 23 from measles, 10 from scarlet fever, 29 from diphtheria, 31 from whooping-cough, 7 from enteric fever, 2 from ill-defined forms of continued fever, 51 from diarrhoea and dysentery, 3 from cholera and choleraic diarrhoea, and not one from small-pox or from typhus; thus, 156 deaths were referred to these diseases, being 175 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 17. The 23 fatal cases of *measles* showed a slight increase upon recent weekly numbers, but were 40 below the corrected average. The deaths from *scarlet fever*, which had been 10 and 19 in the two preceding weeks, declined again last week to 10, and were 23 below the corrected average; 2 belonged to Hackney, 2 to Bethnal Green, and 3 to Poplar sanitary areas. The 29 deaths from *diphtheria* showed a further slight increase upon recent weekly numbers, and exceeded the corrected average by 16; 4 belonged to Kensington, 4 to Pancras, 3 to Clerkenwell, 3 to Lambeth, 2 to Camberwell, and 2 to Plumstead sanitary areas. The 31 fatal cases of *whooping-cough* were 28 below the corrected average. The 7 deaths referred to *enteric fever* were fewer than in any recent week, and were 6 below the corrected average; 4 belonged to Poplar sanitary area. The deaths attributed to *diarrhoea* and *dysentery*, which had been 16, 18, and 36 in the three preceding weeks, further rose last week to 51, but were 73 below the corrected average. Three deaths were referred to *simple cholera* or *choleraic diarrhoea*.

DEATHS BELONGING TO THE SEVERAL SANITARY AREAS OF REGISTRATION LONDON registered in the 13 WEEKS ENDING ON 30TH JUNE, 1888.

| SANITARY AREAS.                      | Deaths. | Deaths from Principal Zymotic Diseases. |          |                |             |                 |         |                |                             |            | Deaths of Infants under 1 Year of Age. | Deaths under 1 Year to 1000 Births registered. |
|--------------------------------------|---------|---|----------|----------------|-------------|-----------------|---------|----------------|-----------------------------|------------|--|--|
|                                      |         | Small-pox.                              | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric Fever. | Simple and Undefined Fever. | Diarrhoea. |  |  |
| REGISTRATION LONDON                  | 17,732  | 1                                       | 247      | 229            | 246         | 798             | 1       | 186            | 6                           | 236        | 4071                                   | 123  |
| WEST.                                |         |   |          |                |             |                 |         |                |                             |            |  |  |
| Paddington - - - - -                 | 432     | -                                       | 9        | 3              | 20          | 29              | -       | 2              | -                           | 7          | 79                                     | 116  |
| Kensington - - - - -                 | 695     | -                                       | 33       | 8              | 11          | 43              | -       | 7              | -                           | 8          | 150                                    | 158  |
| Hammersmith - - - - -                | 376     | -                                       | 2        | 8              | 5           | 10              | -       | 2              | -                           | 8          | 100                                    | 141  |
| Fulham - - - - -                     | 319     | -                                       | 6        | 3              | 1           | 17              | -       | 3              | 1                           | 8          | 93                                     | 133  |
| Chelsea - - - - -                    | 491     | -                                       | 5        | 2              | 2           | 32              | -       | 1              | -                           | 6          | 121                                    | 146  |
| St. George Hanover Square - - - - -  | 354     | -                                       | -        | 2              | 15          | 7               | -       | 3              | -                           | 3          | 53                                     | 129  |
| Westminster - - - - -                | 235     | -                                       | -        | 4              | 2           | 20              | -       | 3              | -                           | 4          | 54                                     | 140  |
| St. James Westminster - - - - -      | 112     | -                                       | -        | 1              | -           | 3               | -       | 1              | -                           | 1          | 29                                     | 181  |
| NORTH.                               |         |   |          |                |             |                 |         |                |                             |            |  |  |
| Marylebone - - - - -                 | 694     | -                                       | 12       | 3              | 2           | 17              | -       | 3              | 1                           | 6          | 186                                    | 120  |
| Hampstead - - - - -                  | 164     | -                                       | -        | 1              | 3           | 9               | -       | -              | -                           | 2          | 37                                     | 106  |
| Pancras - - - - -                    | 1644    | -                                       | 14       | 9              | 11          | 40              | -       | 13             | -                           | 14         | 248                                    | 337  |
| Islington - - - - -                  | 1463    | -                                       | 12       | 9              | 14          | 45              | -       | 4              | 1                           | 15         | 270                                    | 115  |
| Hackney - - - - -                    | 855     | -                                       | 40       | 10             | 23          | 31              | -       | 6              | -                           | 7          | 167                                    | 302  |
| CENTRAL.                             |         |   |          |                |             |                 |         |                |                             |            |  |  |
| St. Giles - - - - -                  | 224     | -                                       | 2        | -              | 3           | 3               | -       | 3              | -                           | 1          | 43                                     | 146  |
| St. Martin-in-the Fields - - - - -   | 69      | -                                       | -        | 4              | 1           | -               | -       | -              | -                           | -          | 12                                     | 203  |
| Strand - - - - -                     | 148     | -                                       | -        | -              | 1           | 4               | -       | -              | -                           | 1          | 28                                     | 154  |
| Holborn - - - - -                    | 177     | -                                       | 1        | -              | 3           | 8               | -       | 2              | -                           | 3          | 36                                     | 168  |
| Clerkenwell - - - - -                | 323     | -                                       | 4        | 1              | 6           | 14              | -       | 1              | -                           | 4          | 83                                     | 154  |
| St. Luke's - - - - -                 | 461     | -                                       | 1        | 7              | 3           | 14              | -       | 1              | -                           | 8          | 74                                     | 145  |
| London City - - - - -                | 215     | 1                                       | 1        | 2              | 2           | 5               | -       | 1              | -                           | 1          | 27                                     | 134  |
| EAST.                                |         |   |          |                |             |                 |         |                |                             |            |  |  |
| Shoreditch - - - - -                 | 574     | -                                       | 3        | 7              | 6           | 24              | -       | 8              | -                           | 14         | 140                                    | 121  |
| Bethnal Green - - - - -              | 591     | -                                       | 8        | 14             | 7           | 25              | -       | 7              | -                           | 9          | 140                                    | 112  |
| Whitechapel - - - - -                | 321     | -                                       | 7        | 1              | 3           | 9               | -       | 2              | -                           | 6          | 78                                     | 113  |
| St. George-in-the-East - - - - -     | 304     | -                                       | 10       | -              | 3           | 10              | -       | 4              | -                           | 2          | 84                                     | 186  |
| Sterne - - - - -                     | 300     | -                                       | 7        | 5              | 4           | 14              | -       | 3              | 1                           | 4          | 65                                     | 140  |
| Mile End Old Town - - - - -          | 452     | -                                       | 11       | 7              | 7           | 15              | -       | 6              | -                           | 5          | 108                                    | 114  |
| Poplar - - - - -                     | 713     | -                                       | 8        | 25             | 13          | 33              | -       | 9              | -                           | 10         | 160                                    | 107  |
| SOUTH.                               |         |   |          |                |             |                 |         |                |                             |            |  |  |
| St. Saviour Southwark - - - - -      | 165     | -                                       | 1        | 1              | 1           | 6               | -       | -              | -                           | 2          | 40                                     | 169  |
| St. George Southwark - - - - -       | 323     | -                                       | -        | 3              | 3           | 22              | -       | 2              | -                           | 3          | 70                                     | 130  |
| Newington - - - - -                  | 516     | -                                       | 1        | 5              | 3           | 10              | 1       | 2              | 1                           | 6          | 134                                    | 130  |
| St. Olave Southwark - - - - -        | 81      | -                                       | 1        | -              | -           | 1               | -       | -              | -                           | 2          | 16                                     | 152  |
| Bermondsey - - - - -                 | 432     | -                                       | 3        | 4              | 3           | 31              | -       | 5              | -                           | 10         | 107                                    | 134  |
| Rotherhithe - - - - -                | 166     | -                                       | 2        | 3              | 1           | 6               | -       | 5              | -                           | 1          | 39                                     | 108  |
| Lambeth - - - - -                    | 1184    | -                                       | 1        | 15             | 15          | 43              | -       | 9              | -                           | 16         | 267                                    | 119  |
| Battersea - - - - -                  | 557     | -                                       | 7        | 13             | 5           | 30              | -       | 3              | 3                           | 7          | 169                                    | 141  |
| Wandsworth - - - - -                 | 504     | -                                       | 2        | 7              | 9           | 39              | -       | 6              | -                           | 4          | 127                                    | 121  |
| Camberwell - - - - -                 | 892     | -                                       | 8        | 21             | 8           | 48              | -       | 5              | -                           | 18         | 187                                    | 106  |
| Greenwich - - - - -                  | 681     | -                                       | 6        | 10             | 9           | 25              | -       | 3              | -                           | 7          | 164                                    | 138  |
| Lewisham (excluding Penge) - - - - - | 233     | -                                       | 9        | 2              | 3           | 15              | -       | 2              | -                           | 1          | 47                                     | 110  |
| Woolwich - - - - -                   | 162     | -                                       | 1        | 2              | 1           | 13              | -       | 1              | -                           | 1          | 32                                     | 109  |
| Plumstead - - - - -                  | 260     | -                                       | -        | 4              | 9           | 15              | -       | 1              | -                           | 1          | 44                                     | 71   |

In the above Table all deaths in Hospitals and in other Public Institutions within Registration London, as also 32 that occurred, outside that area, in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals have been distributed to the sanitary areas

from which the deceased inmates were admitted. On the other hand the deaths of 277 non-residents who died in Public Institutions inside London have been excluded from the Table.

#### GREATER LONDON.

In Greater London 3130 births and 1502 deaths were registered, corresponding to annual rates of 29·5 and 14·2 per 1000 of the population. In the Outer Ring 6 deaths from diphtheria, and 6 from whooping-cough, were registered. The fatal cases of diphtheria included 2 in Tottenham and 2 in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·57 in.; the highest readings were 29·88 in. on Sunday evening and at the end of the week, and the lowest was 29·31 in. on Wednesday evening. The mean temperature of the *air* was 56°·4, and 5°·2 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week, the coldest days being Monday, Friday and Saturday. The general direction of the *wind* was South-westerly, and the horizontal movement of the air averaged 12·2 miles per hour, which was 2·0 miles above the average in the corresponding weeks of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 0·90 inch. The duration of registered bright sunshine in the week was 18·5 hours, against 24·2 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of JUNE 1888; according to their returns 175,570,123 gallons or 797,695  $\frac{1}{2}$  cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 237 gallons (107·7 decalitres), rather more than a *ton* by weight, to each house, and 30·4 gallons (13·8 decalitres) to each person, against 31·7 gallons during June 1887.

| COMPANIES.                          | Number of Houses, &c.<br>supplied in |                | Average daily Supply of Water<br>in Gallons. |                |
|-------------------------------------|--------------------------------------|----------------|--|----------------|
|                                     | JUNE.<br>1887.                       | JUNE.<br>1888. | JUNE.<br>1887.                               | JUNE.<br>1888. |
| TOTAL SUPPLY . . .                  | 726,198                              | 739,252        | 179,578,401                                  | 175,570,123    |
| From Thames . . . . .               | 350,320                              | 356,318        | 91,663,231                                   | 87,971,114     |
| From Lea and from other Sources . . | 375,878                              | 382,934        | 87,915,170                                   | 87,599,009     |
| THAMES.                             |                                      |                |  |                |
| Chelsea . . . . .                   | 34,449                               | 34,559         | 10,624,094                                   | 10,185,300     |
| West Middlesex . . . . .            | 69,210                               | 70,486         | 16,750,653                                   | 16,139,223     |
| Southwark and Vauxhall . . . .      | 107,967                              | 109,629        | 25,094,476                                   | 24,790,852     |
| Grand Junction . . . . .            | 53,311                               | 54,247         | 18,759,608                                   | 18,399,439     |
| Lambeth . . . . .                   | 85,374                               | 87,397         | 19,833,500                                   | 18,456,800     |
| LEA AND OTHER SOURCES.              |                                      |                |  |                |
| New River . . . . .                 | 148,710                              | 150,340        | 32,713,000                                   | 32,924,000     |
| East London . . . . .               | 158,314                              | 161,950        | 41,342,832                                   | 41,727,954     |
| Kent . . . . .                      | 68,854                               | 70,644         | 13,859,338                                   | 12,947,055     |

*Note.*—The Return for June 1888, compared with that for the corresponding month of 1887, shows an increase of 13,054 houses, and a decrease of 4,008,278 gallons of water supplied daily.

#### ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JUNE.

Grove House, Pembroke Square, W.,  
6th July, 1888.

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of June.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·6, New River 1·2, Tottenham 1·3, Grand Junction 1·4, Southwark 1·7, West Middlesex 1·8, Chelsea 1·8, Lambeth 2·0, Colne Valley 2·2, East London 2·4.

The Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies again exhibited a further reduction in the proportion of contained organic matter, which was unusually small in all the samples examined. All the samples were clear and bright.

Of the water principally drawn from the Lea, that distributed by the New River Company contained less and that by the East London Company slightly more organic matter than the Thames supplies. Both samples were clear and bright.



The deep-well water pumped by the Kent Company and by the Tottenham Local Board of Health contained, as usual, only a very small proportion of organic matter, whilst in the sample of the Colne Valley Company's supply the organic matter was distinctly in excess of the average for this water. The Colne Valley Company's water was softened as usual before delivery.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent and Tottenham, clear and colourless; Colne Valley and New River, clear and nearly colourless; Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, and East London, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town "contained a little more organic matter than in the previous month."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES. |                | Date<br>and Place of Collection.                            | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|------------------------------------|----------------|---|---------------------------------------|---------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                      | THAMES.        |   | °                                     |                           |                 |                   |          |  |                             |           |                 |
|                                    | Chelsea        | June 12th,<br>Cab Rank, Horseguards,<br>Whitehall.          | 16·5                                  | 24·14                     | ·086            | ·021              | 0        | ·163                                     | ·184                        | 1·7       | 17·1            |
|                                    | West Middlesex | June 12th,<br>Cab Rank, Portland-road.                      | 18·5                                  | 25·40                     | ·085            | ·019              | 0        | ·168                                     | ·187                        | 1·8       | 18·3            |
|                                    | Southwark      | June 12th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. | 17·5                                  | 25·40                     | ·084            | ·017              | 0        | ·154                                     | ·171                        | 1·7       | 18·6            |
|                                    | Grand Junction | June 12th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. | 17·5                                  | 24·76                     | ·064            | ·018              | 0        | ·160                                     | ·187                        | 1·8       | 18·0            |
|                                    | Lambeth        | June 12th,<br>Cab Rank, St. George's-<br>road, Southwark.   | 17·0                                  | 26·60                     | ·100            | ·018              | 0        | ·198                                     | ·216                        | 1·9       | 19·4            |
|                                    | LEA.           |   |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | New River      | June 12th,<br>Cab Rank, Tottenham<br>Court-road.            | 17·0                                  | 27·50                     | ·060            | ·013              | 0        | ·204                                     | ·217                        | 2·0       | 19·1            |
| Outer Circle.                      | East London    | June 12th,<br>Fire Brigade Station,<br>Commercial-road, E.  | 16·5                                  | 29·20                     | ·119            | ·022              | 0        | ·310                                     | ·332                        | 2·1       | 20·0            |
|                                    | DEEP WELLS.    |   |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Kent           | June 12th,<br>Mill Lane, Deptford.                          | 13·0                                  | 43·06                     | ·024            | ·011              | 0        | ·401                                     | ·412                        | 2·6       | 28·1            |
|                                    | Colne Valley   | June 23rd,<br>Bushcy.                                       | —                                     | 15·50                     | ·108            | ·019              | ·009     | ·372                                     | ·398                        | 2·1       | 6·4             |
|                                    | Tottenham      | June 13th,<br>Tottenham.                                    | —                                     | 38·12                     | ·058            | ·021              | ·040     | ·075                                     | ·129                        | 2·8       | 21·5            |
| Corporation of Birming-<br>ham*    |                | June 5th,<br>50, Northbrook-street.                         | 13·9                                  | 29·66                     | ·191            | ·024              | ·001     | ·132                                     | ·157                        | 1·7       | 16·4            |
| Corporation of Glasgow†            |                | June 15th,<br>Loch Katrine Water.                           | 9·9                                   | 2·50                      | ·151            | ·039              | 0        | ·004                                     | ·043                        | ·7        | 1·0             |
| Column 1.                          |                | 2.  | 3.                                    | 4.                        | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the waters. The Table is to be read thus:—the Chelsea Company's water, collected on the 12th June at the Horseguards cab-rank, had a temperature of 16°·5 C.; 100,000 lbs. of it contained 24·14 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·086 lb. of carbon and ·021 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·163 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·184 lb. The above weight of water also contained 1·7 lbs. of chlorine; and 17·1 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, DURING THE WEEK ENDING 7th JULY, 1888.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | Registered during<br>the Week ending<br>July 7th, 1888. |         | The Deaths registered in the Week include |  |             |          |                   |             |                     |        |            |                | TEMPERATURE OF THE AIR.              |                  |  |          |         | RAINFALL.   |            | CITIES<br>AND<br>BOROUGHES. |                      |             |      |
|-----------------------------|---|---|---------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|----------------|--------------------------------------|------------------|--|----------|---------|-------------|------------|-----------------------------|----------------------|-------------|------|
|                             |   | BIRTHS.   | DEATHS. | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Causes of Death. | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths |          | Mean.   |             | In Inches. |                             | In Centi-<br>metres. |             |      |
|                             |   |   |         | Infants under<br>1 Year of<br>Age.        | Persons aged<br>60 Years<br>and upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. |                |                                      |                  | Violence.  | Highest. | Lowest. | Fahrenheit. |            |                             |                      | Centigrade. |      |
| Cols.                       | 1.  | 2.  | 3.      | 4.  | 5.                                       | 6.          | 7.       | 8.                | 9.          | 10.                 | 11.    | 12.        | 13.            | 14.                                  | 15.              | 16.  | 17.      | 18.     | 19.         | 20.        | 21.                         | 22.                  | 23.         | 24.  |
| 28 TOWNS*                   | 9,398,273   | 5381  | 2710    | 689                                       | 575                                      | 8           | 32       | 25                | 33          | 63                  | 21     | 94         | 112            | 196                                  | 475              | 59   | 150      | 1.5     | 67.0        | 41.0       | 53.4                        | 11.89                | 1.35        | 3.43 |
| LONDON*                     | 4,282,921   | 2348  | 1211    | 302                                       | 255                                      | -           | 23       | 10                | 29          | 31                  | 9      | 51         | 65             | 107                                  | 285              | 7  | 14.8     | 1.9     | 70.7        | 46.2       | 56.4                        | 13.56                | 0.90        | 2.29 |
| BRIGHTON                    | 119,983   | 53  | 21      | 6   | 5  | -           | -        | -                 | -           | -                   | -      | 1          | 2              | 3                                    | 1                | -  | 9.1      | 0.4     | -           | -          | -                           | -                    | -           | -    |
| PORTSMOUTH                  | 189,575   | 92  | 34      | 5   | 13                                       | -           | -        | -                 | -           | -                   | 1      | 1          | 1              | 3                                    | 6                | -  | 12.7     | 0.7     | -           | -          | -                           | -                    | -           | -    |
| NORWICH                     | 98,675  | 49  | 32      | 8   | 11                                       | -           | -        | -                 | -           | -                   | 1      | -          | 1              | 3                                    | 6                | -  | 17.8     | 0.6     | -           | -          | -                           | -                    | -           | -    |
| PLYMOUTH                    | 77,674  | 47  | 26      | 5   | 11                                       | -           | -        | -                 | -           | -                   | -      | -          | 2              | 3                                    | 1                | -  | 17.5     | 0.0     | 70.8        | 48.5       | 57.5                        | 14.17                | 1.92        | 4.88 |
| BRISTOL                     | 226,510   | 162   | 56      | 12  | 17                                       | -           | 1        | -                 | -           | -                   | -      | 2          | 4              | 6                                    | 7                | 2  | 12.9     | 0.7     | 67.0        | 42.0       | 55.4                        | 13.00                | 1.48        | 3.76 |
| WOLVERHAMPTON               | 81,691  | 51  | 20      | 7   | 4  | -           | 2        | -                 | -           | -                   | -      | 1          | 1              | 1                                    | 2                | 2  | 12.8     | 1.9     | 66.8        | 41.0       | 52.7                        | 11.50                | 1.29        | 3.28 |
| BIRMINGHAM                  | 447,912   | 285   | 132     | 35  | 25                                       | -           | -        | -                 | -           | 4                   | -      | 5          | 9              | 15                                   | 27               | 5  | 15.4     | 1.0     | -           | -          | -                           | -                    | -           | -    |
| LEICESTER*                  | 146,790   | 79  | 32      | 11  | 9  | -           | -        | -                 | -           | -                   | 1      | -          | 1              | -                                    | 2                | 3  | 11.4     | 0.4     | -           | -          | -                           | -                    | -           | -    |
| NOTTINGHAM*                 | 230,921   | 128   | 44      | 9   | 12                                       | -           | -        | -                 | 1           | 2                   | 1      | -          | -              | 2                                    | 2                | -  | 9.9      | 0.9     | 65.3        | 41.3       | 52.8                        | 11.56                | 0.99        | 2.51 |
| DERBY                       | 96,241  | 60  | 35      | 9   | 9  | -           | -        | 1                 | -           | -                   | 2      | -          | 1              | 4                                    | 6                | -  | 19.0     | 1.6     | -           | -          | -                           | -                    | -           | -    |
| BIRKENHEAD                  | 100,093   | 61  | 22      | 5   | 3  | -           | -        | -                 | -           | -                   | 1      | 1          | -              | 1                                    | 4                | -  | 11.5     | 1.0     | -           | -          | -                           | -                    | -           | -    |
| LIVERPOOL                   | 599,788   | 205   | 182     | 53  | 38                                       | -           | -        | 1                 | -           | 6                   | 1      | 11         | 11             | 12                                   | 28               | 9  | 15.8     | 1.7     | 66.0        | 48.1       | 54.0                        | 12.22                | 1.47        | 3.73 |
| BOLTON                      | 113,506   | 72  | 41      | 14  | 4  | -           | -        | 2                 | -           | -                   | -      | 3          | -              | 2                                    | 2                | 2  | 18.9     | 2.3     | -           | -          | -                           | -                    | -           | -    |
| MANCHESTER                  | 378,164   | 263   | 152     | 35  | 27                                       | -           | -        | 1                 | 1           | 2                   | 3      | 2          | 3              | 9                                    | 22               | 4  | 21.0     | 2.6     | -           | -          | -                           | -                    | -           | -    |
| SALFORD*                    | 226,386   | 119   | 69      | 17  | 12                                       | -           | 2        | -                 | 1           | 4                   | -      | 2          | 1              | 1                                    | 14               | 2  | 15.9     | 2.1     | -           | -          | -                           | -                    | -           | -    |
| OLDHAM                      | 133,220   | 63  | 46      | 11  | 7  | -           | -        | 2                 | -           | -                   | -      | -          | -              | 1                                    | 2                | 3  | 17.4     | 1.1     | -           | -          | -                           | -                    | -           | -    |
| BLACKBURN                   | 119,039   | 71  | 31      | 5   | 6  | -           | -        | -                 | -           | -                   | -      | 2          | -              | -                                    | 5                | -  | 13.0     | 0.9     | -           | -          | -                           | -                    | -           | -    |
| PRESTON                     | 103,234   | 97  | 44      | 13  | 7  | -           | -        | 1                 | 1           | -                   | 1      | 1          | -              | -                                    | 6                | 1  | 22.2     | 5.6     | -           | -          | -                           | -                    | -           | -    |
| HUDDESFIELD                 | 91,419  | 38  | 21      | 4   | 3  | -           | -        | -                 | 1           | 1                   | -      | 1          | -              | -                                    | 3                | 1  | 12.0     | 1.1     | -           | -          | -                           | -                    | -           | -    |
| HALIFAX                     | 80,138  | 38  | 19      | 4   | 6  | -           | 1        | -                 | -           | 1                   | -      | -          | 1              | 1                                    | 2                | -  | 12.4     | 0.7     | -           | -          | -                           | -                    | -           | -    |
| BRADFORD*                   | 229,721   | 114   | 59      | 10  | 8  | 1           | 2        | -                 | -           | -                   | -      | 2          | -              | 3                                    | 5                | 1  | 13.4     | 1.1     | 63.8        | 45.4       | 52.2                        | 11.22                | 0.99        | 2.51 |
| LEEDS                       | 351,210   | 205   | 103     | 26  | 24                                       | -           | -        | 1                 | -           | 3                   | -      | 2          | 4              | 7                                    | 7                | 5  | 15.3     | 0.9     | -           | -          | -                           | -                    | -           | -    |
| SHEFFIELD                   | 321,711   | 178   | 88      | 18  | 15                                       | -           | -        | 3                 | -           | 4                   | 1      | 1          | -              | 1                                    | 7                | 4  | 14.3     | 1.5     | -           | -          | -                           | -                    | -           | -    |
| HULL                        | 292,359   | 180   | 58      | 20  | 15                                       | -           | -        | 1                 | -           | -                   | -      | -          | 2              | 2                                    | 8                | 4  | 13.7     | 0.3     | 67.0        | 42.0       | 50.7                        | 10.39                | 1.60        | 4.06 |
| SUNDERLAND                  | 181,919   | 83  | 46      | 13  | 12                                       | -           | -        | -                 | -           | 1                   | -      | 2          | 1              | 2                                    | 2                | 2  | 18.2     | 1.2     | -           | -          | -                           | -                    | -           | -    |
| NEWCASTLE*                  | 169,003   | 116   | 62      | 18  | 12                                       | -           | 1        | 2                 | -           | 2                   | -      | 1          | 3              | 5                                    | 14               | 3  | 20.3     | 2.0     | 60.0        | 43.0       | 49.0                        | 9.44                 | 1.49        | 3.78 |
| CARDIFF*                    | 108,570   | 81  | 29      | 14  | 5  | -           | -        | -                 | -           | 3                   | -      | -          | 1              | 3                                    | 1                | 1  | 13.9     | 1.4     | -           | -          | -                           | -                    | -           | -    |
| EDINBURGH                   | 262,793   | 141   | 85      | 15  | 16                                       | -           | -        | 1                 | 3           | 1                   | 1      | 2          | 6              | ?                                    | 18               | 24   | 16.9     | 1.6     | 63.0        | 43.3       | 52.1                        | 11.17                | 1.44        | 3.66 |
| GLASGOW                     | 526,088   | 385   | 191     | 37  | 32                                       | -           | 6        | 2                 | 3           | 3                   | 2      | 4          | 8              | ?                                    | 26               | 28   | 18.9     | 2.0     | 66.3        | 37.9       | 52.6                        | 11.44                | 0.97        | 2.46 |
| DUBLIN                      | 368,082   | 166   | 137     | 25  | 29                                       | -           | 3        | 2                 | -           | 6                   | 6      | -          | -              | 1                                    | 87               | 21   | 20.2     | 2.5     | 68.7        | 39.0       | 55.3                        | 12.94                | 1.51        | 3.84 |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-SEVENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2520 | 2319 | 2510 | 2408 | 2443 | 2478 | 2458 | 2420 | 2458 | 2562 | 2679·9   | 2348 |
| Males . .           | 1286 | 1172 | 1268 | 1216 | 1244 | 1284 | 1262 | 1199 | 1208 | 1265 | 1352·6   | 1206 |
| Females .           | 1234 | 1147 | 1242 | 1192 | 1199 | 1194 | 1196 | 1221 | 1250 | 1297 | 1327·3   | 1142 |
| <b>TOTAL Deaths</b> | 1511 | 1208 | 1326 | 1585 | 1293 | 1521 | 1503 | 1412 | 1540 | 1610 | 1532·7   | 1211 |
| Males . .           | 809  | 624  | 679  | 809  | 683  | 774  | 773  | 756  | 812  | 866  | 827·7  | 627  |
| Females .           | 702  | 584  | 647  | 776  | 605  | 747  | 735  | 656  | 728  | 744  | 755·0  | 584  |

\* The numbers in this column are the average weekly numbers in the twenty-seventh weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | Apr.<br>14. | Apr.<br>21. | Apr.<br>28. | May<br>5. | May<br>12. | May<br>19. | May<br>26. | June<br>2. | June<br>9. | June<br>16. | June<br>23. | June<br>30. | July<br>7. |     |
|--|---|--------------|-------------|-------------|-------------|-----------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|-----|
| TOTAL Births                             | - | -            | 2831        | 2579        | 2577        | 2650      | 2574       | 2364       | 2278       | 2491       | 2430       | 2399        | 2534        | 2289        | 2348       |     |
| TOTAL Deaths                             | - | -            | 1692        | 1551        | 1437        | 1429      | 1360       | 1469       | 1361       | 1323       | 1219       | 1167        | 1190        | 1238        | 1211       |     |
| 0—20                                     | - | -            | 800         | 681         | 628         | 643       | 615        | 637        | 608        | 581        | 527        | 503         | 536         | 562         | 576        |     |
| 20—40                                    | - | -            | 215         | 212         | 177         | 187       | 186        | 212        | 180        | 178        | 156        | 176         | 149         | 171         | 172        |     |
| 40—60                                    | - | -            | 278         | 265         | 277         | 243       | 238        | 272        | 256        | 266        | 248        | 208         | 226         | 213         | 208        |     |
| 60—80                                    | - | -            | 335         | 310         | 302         | 277       | 255        | 276        | 268        | 255        | 245        | 234         | 242         | 241         | 205        |     |
| at 80 years & upwds.                     | - | -            | 64          | 83          | 53          | 79        | 66         | 72         | 49         | 43         | 43         | 46          | 37          | 51          | 50         |     |
| Deaths of children                       | { | Under 1 year | -           | 395         | 367         | 329       | 324        | 319        | 296        | 322        | 288        | 264         | 251         | 281         | 297        | 302 |
| 1—5                                      |   | -            | 302         | 229         | 209         | 225       | 190        | 254        | 204        | 184        | 176        | 163         | 155         | 178         | 203        |     |
| 5—20                                     |   | -            | 103         | 85          | 90          | 94        | 106        | 87         | 82         | 109        | 87         | 89          | 100         | 87          | 71         |     |
| Deaths from Small-pox                    | - | -            | -           | -           | 1           | -         | -          | -          | -          | -          | -          | -           | -           | -           | -          |     |
| " " Measles                              | - | -            | 12          | 18          | 16          | 14        | 22         | 18         | 23         | 24         | 25         | 21          | 18          | 20          | 23         |     |
| " " Scarlet fever                        | - | -            | 17          | 21          | 15          | 23        | 19         | 13         | 17         | 19         | 23         | 19          | 10          | 19          | 10         |     |
| " " Diphtheria                           | - | -            | 19          | 10          | 22          | 15        | 15         | 29         | 19         | 26         | 22         | 18          | 15          | 28          | 29         |     |
| " " Whooping-cough                       | - | -            | 108         | 91          | 80          | 87        | 52         | 64         | 64         | 37         | 33         | 34          | 33          | 27          | 31         |     |
| " " Typhus                               | - | -            | -           | -           | -           | 1         | -          | -          | -          | -          | -          | -           | -           | -           | -          |     |
| " " Enteric fever                        | - | -            | 9           | 13          | 7           | 11        | 9          | 12         | 10         | 9          | 8          | 8           | 15          | 10          | 7          |     |
| " " Simple Cont <sup>d</sup> fever       | - | -            | -           | 1           | -           | -         | 1          | -          | 3          | -          | 1          | 1           | -           | -           | 2          |     |
| " " Diarrhœa and Dysentery               | - | -            | 19          | 23          | 17          | 19        | 14         | 15         | 9          | 19         | 18         | 16          | 18          | 36          | 51         |     |
| " " Cholera                              | - | -            | -           | -           | -           | -         | 1          | -          | 2          | 1          | -          | -           | -           | 2           | 3          |     |
| Deaths from the above-mentioned Diseases | - | -            | 184         | 177         | 158         | 170       | 133        | 151        | 147        | 135        | 130        | 117         | 109         | 142         | 156        |     |
| " " Dis. of Respiratory System           | - | -            | 444         | 363         | 343         | 287       | 260        | 296        | 223        | 237        | 185        | 213         | 184         | 156         | 176        |     |
| " " Phthisis                             | - | -            | 150         | 137         | 146         | 135       | 134        | 176        | 151        | 157        | 135        | 119         | 133         | 117         | 114        |     |
| " " Dis. of Circulatory System           | - | -            | 134         | 129         | 87          | 122       | 119        | 105        | 119        | 109        | 101        | 89          | 95          | 101         | 96         |     |
| Violent Deaths                           | - | -            | 52          | 48          | 56          | 39        | 51         | 63         | 65         | 73         | 51         | 71          | 63          | 64          | 65         |     |
| Inquest Cases                            | - | -            | 121         | 109         | 110         | 101       | 106        | 113        | 108        | 111        | 90         | 103         | 105         | 111         | 107        |     |
| Deaths in Public Institutions            | - | -            | 347         | 352         | 352         | 332       | 305        | 370        | 345        | 326        | 275        | 312         | 280         | 302         | 285        |     |
| TEMPERATURE OF THE AIR                   | - | -            | 42·2        | 48·5        | 43·7        | 49·0      | 52·3       | 55·9       | 54·0       | 55·8       | 58·9       | 57·1        | 54·2        | 61·9        | 56·4       |     |
| Mean                                     | - | -            | 50·3        | 59·0        | 51·4        | 58·9      | 64·1       | 68·0       | 66·0       | 69·1       | 71·0       | 69·5        | 61·8        | 72·3        | 65·3       |     |
| Mean of Highest readings                 | - | -            | 35·3        | 41·2        | 37·8        | 40·2      | 41·2       | 45·6       | 43·2       | 44·3       | 49·8       | 47·8        | 48·1        | 54·3        | 50·8       |     |
| Mean of Lowest readings                  | - | -            |             |             |             |           |            |            |            |            |            |             |             |             |            |     |
| Humidity of the Air                      | - | -            | 78          | 82          | 86          | 68        | 69         | 69         | 63         | 69         | 77         | 72          | 86          | 83          | 87         |     |
| Rain-fall in inches                      | - | -            | 0·11        | 0·65        | 0·67        | 0·16      | 0·00       | 0·32       | 0·00       | 0·16       | 0·17       | 0·54        | 0·27        | 2·37        | 0·90       |     |
| Registered Sunshine (in hours)           | - | -            | 21·5        | 35·7        | 8·0         | 43·2      | 51·0       | 39·4       | 62·3       | 43·8       | 21·2       | 51·7        | 17·7        | 29·9        | 18·5       |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-SEVENTH Week of the Year 1888.

| USES OF DEATH.                               | Corrected Averages for the 27th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 7th July 1888. |           |      |       |                  |                  |                  |                       |   |           | CAUSES OF DEATH. | Corrected Averages for the 27th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 7th July 1888. |                  |                  |                       |      |       |  |  |  |  |
|--|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|-----------|------------------|---|---|------------------|------------------|-----------------------|------|-------|--|--|--|--|
|  |   | Deaths of Persons of the Ages               |           |      |       |                  |                  |                  |                       |   |           |                  |   | Deaths of Persons of the Ages               |                  |                  |                       |      |       |  |  |  |  |
|  |   | ALL AGES.                                   | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | ALL AGES.   | Under 20. |                  |   | 20 and under 40.                            | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |      |       |  |  |  |  |
|  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   | 0-1.      |                  |   |   |                  |                  |                       | 1-5. | 5-20. |  |  |  |  |
| I. CAUSES - -                                | 1582.7  | 1211  | 302       | 203  | 71    | 172              | 208              | 205              | 50                    | Diseases of Organs of Special Sense † - -               | 2.3       | 1                | -   | -   | 1                | -                | -                     | -    | -     |  |  |  |  |
| Small-pox { Vaccinated † - -                 | 16.9  | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - -                    | 96.3      | 96               | 6   | -   | 6                | 18               | 33                    | 27   | 6     |  |  |  |  |
| Unvaccinated - -                             |   | -   | -         | -    | -     | -                | -                | -                | -                     | Croup - - -   | 10.1      | 5                | -   | 3   | 2                | -                | -                     | -    | -     |  |  |  |  |
| Scarlatina { No Statement - -                | 63.0  | 23  | 3         | 20   | -     | -                | -                | -                | -                     | Bronchitis - - -  | 109.0     | 89               | 33  | 21  | 2                | 2                | 3                     | 15   | 8     |  |  |  |  |
| Erysipelas - - -                             | 32.7  | 10  | 1         | 7    | 2     | -                | -                | -                | -                     | Pneumonia - - -   | 68.1      | 58               | 14  | 18  | 3                | 7                | 10                    | 3    | 3     |  |  |  |  |
| Measles - - -                                | 1.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Pleurisy - - -  | 5.3       | 4                | -   | 1   | -                | 1                | 2                     | -    | -     |  |  |  |  |
| Scarlet Fever - -                            | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - -              | 19.4      | 20               | 6   | 5   | 1                | 3                | 1                     | 4    | -     |  |  |  |  |
| Diphtheria † - -                             | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Dentition † - -   | 15.1      | 12               | 5   | 7   | -                | -                | -                     | -    | -     |  |  |  |  |
| Whooping-cough -                             | 59.2  | 31  | 10        | 21   | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † - -                               | 1.2       | 1                | 1   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Erysipelas - - -                             | 13.3  | 29  | 1         | 16   | 10    | 1                | -                | 1                | -                     | Enteritis - - -   | 11.6      | 12               | 6   | 1   | 2                | 1                | 2                     | -    | -     |  |  |  |  |
| Scarlatina Continued and ill-defined Fever - | 1.5   | 2   | -         | -    | -     | 1                | 1                | -                | -                     | Peritonitis - - -                                       | 6.5       | 9                | -   | 1   | -                | 4                | 4                     | -    | -     |  |  |  |  |
| Typhoid Fever - -                            | 13.4  | 7   | -         | -    | 1     | 3                | 2                | 1                | -                     | Diseases of Liver - -                                   | 33.6      | 35               | 2   | -   | -                | 8                | 14                    | 10   | 1     |  |  |  |  |
| Typhus - - -                                 | 5.9   | 3   | 1         | -    | -     | 1                | -                | 1                | -                     | Other Diseases of Digestive System - - -                | 29.1      | 30               | 6   | 3   | -                | 4                | 7                     | 10   | -     |  |  |  |  |
| Typhus - - -                                 | 123.7   | 51  | 29        | 14   | -     | 1                | 2                | 3                | 2                     | Diseases of Lymphatic System & of Ductless Glands † - - | 1.6       | 3                | -   | -   | -                | 2                | 1                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.4   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System - - -                        | 35.3      | 31               | -   | 1   | -                | 6                | 10                    | 13   | 1     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - -                     | 5.4       | 8                | -   | -   | 1                | 3                | 4                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth - -                             | 3.9       | 5                | -   | -   | 1                | 4                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Locomotive System † - - -                   | 6.3       | 8                | -   | 1   | 1                | 2                | 2                     | 2    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Integumentary System - - -                  | 5.1       | 6                | 2   | 1   | -                | -                | 1                     | 1    | 1     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | VIOLENT DEATHS. ‡                                       |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | ACCIDENT.)  |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Fracture and Contusion - -                              | 19.9      | 26               | -   | 2   | 6                | 5                | 4                     | 4    | 5     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Gunshot Wound - - -                                     | 0.1       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Cut, Stab - - -   | 9.1       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Burn and Scald - - -                                    | 4.4       | 6                | 3   | 2   | 1                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Poison - - -  | 1.6       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Drowning - - -  | 12.3      | 8                | -   | -   | 3                | 3                | 1                     | 1    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Suffocation - - -                                       | 9.5       | 7                | 7   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Otherwise - - -   | 5.0       | 4                | 2   | -   | 2                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | (HOMICIDE.)   |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Murder & Manslaughter - -                               | 1.7       | 1                | -   | -   | -                | -                | 1                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | (SUICIDE.)  |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Gunshot Wound - - -                                     | 0.7       | 3                | -   | -   | -                | 1                | 2                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Cut, Stab - - -   | 1.9       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Poison - - -  | 1.5       | 6                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Drowning - - -  | 1.5       | 1                | -   | -   | 1                | -                | 3                     | 1    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Hanging - - -   | 2.3       | 1                | -   | -   | -                | 1                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Otherwise - - -   | 0.8       | 2                | -   | -   | 1                | -                | 1                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | (EXECUTION.)  |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Hanging - - -   | 0.0       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | OTHER CAUSES † - -                                      | 67.1      | 50               | 46  | -   | -                | 1                | -                     | 3    | -     |  |  |  |  |

RE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).  
 \* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9-045 per cent. for increase of population.  
 † The ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.  
 ‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical attendant, the case is returned under the heading "no statement."  
 § Evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, and from other Zymotic Diseases, during the Week ending

| The DEATHS registered in the Week include                                 |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    |                |                                   |
|---|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|----|----------------|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |    |                |                                   |
| LONDON . . . .  | 3,815,704                                    | 2348                                | 1211                                | 302                             | 255                                 | -          | 23       | 10             | 29          | 31              | -       | 7                              | 2                            | 51         | 65        | 107 | 28 |                |                                   |
| WEST DISTRICTS . . . .  | 669,438                                      | 337                                 | 224                                 | 56                              | 49                                  | -          | 7        | -              | 6           | 4               | -       | -                              | -                            | 9          | 14        | 23  | 55 |                |                                   |
| NORTH DISTRICTS . . . .   | 905,947                                      | 542                                 | 272                                 | 68                              | 61                                  | -          | 5        | 6              | 7           | 5               | -       | 1                              | -                            | 13         | 12        | 17  | 61 |                |                                   |
| CENTRAL DISTRICTS . . . .   | 282,238                                      | 148                                 | 83                                  | 13                              | 9                                   | -          | 1        | -              | 4           | 3               | -       | -                              | -                            | 3          | 7         | 13  | 30 |                |                                   |
| EAST DISTRICTS . . . .  | 692,738                                      | 465                                 | 263                                 | 72                              | 56                                  | -          | 8        | 4              | 4           | 7               | -       | 5                              | -                            | 11         | 16        | 27  | 79 |                |                                   |
| SOUTH DISTRICTS . . . .   | 1,265,148                                    | 853                                 | 369                                 | 93                              | 89                                  | -          | 2        | 1              | 8           | 12              | -       | 1                              | 2                            | 15         | 16        | 25  | 60 |                |                                   |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| WEST DISTRICTS.   |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    |                |                                   |
| St. Mary Paddington WHH G.J. & W.M.                                       | 69888  | 44                                  | 20                                  | 5                               | 6                                   | -          | 2        | -              | -           | 2               | -       | -                              | -                            | -          | 2         | 3   | 2  |                |                                   |
| St. John Paddington H - - G.J.  | 37390  | 10                                  | 17                                  | 1                               | 4                                   | -          | -        | -              | 3           | -               | -       | -                              | -                            | -          | 3         | 3   | 8  |                |                                   |
| Kensington Town Ww - - W.M.   | 120141                                       | 48                                  | 53                                  | 9                               | 13                                  | -          | 2        | -              | 2           | 1               | -       | -                              | -                            | 1          | 3         | 6   | 14 |                |                                   |
| Brompton HH - - W.M. & C.   | 43010  | 10                                  | 4                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -  |                |                                   |
| St. Peter Hammersmith - - W.M.  | 7389   | 2                                   | 1                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| St. Paul Hammersmith H W.M. & G.J.  | 64340  | 53                                  | 23                                  | 8                               | 6                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | 4          | 1         | 3   | 1  |                |                                   |
| Fulham Ww - - W.M. & C.   | 42900  | 42                                  | 18                                  | 8                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Chelsea South HHH - - C.  | 50396  | 18                                  | 7                                   | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 2  |                |                                   |
| Chelsea North-west WHHHHH - C.  | 24925  | 16                                  | 15                                  | 5                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 8  |                |                                   |
| Chelsea North-east - - C.   | 32807  | 20                                  | 8                                   | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -  |                |                                   |
| May Fair WW - - G.J.  | 59353  | 10                                  | 13                                  | 1                               | 9                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 6  |                |                                   |
| Belgrave WHHH - - C.  | 59220  | 13                                  | 16                                  | 2                               | 3                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1   | 4  |                |                                   |
| St. John Westminster HHH - C.   | 35496  | 22                                  | 9                                   | 4                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | -  |                |                                   |
| St. Margaret Westminster H - G.J.   | 24679  | 6                                   | 11                                  | 2                               | -                                   | -          | 1        | -              | -           | 1               | -       | -                              | -                            | 1          | 2         | 2   | 6  |                |                                   |
| St. James Westminster WHH N.R. & G.J.                                     | 29941  | 13                                  | 8                                   | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 1  |                |                                   |
| St. Anne Soho HHHHHHH - N.R.  | 16608  | 10                                  | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -  |                |                                   |
| * NORTH DISTRICTS.  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    |                |                                   |
| All Souls Marylebone HHHH - W.M.  | 26759  | 13                                  | 15                                  | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | 1          | 1         | 1   | 10 |                |                                   |
| Cavendish Square HHHH - W.M.  | 14361  | 6                                   | 4                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3  |                |                                   |
| Rectory Marylebone WH G.J. & W.M.   | 24806  | 16                                  | 3                                   | -                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| St. Mary Marylebone HHH G.J. & W.M.                                       | 21118  | 9                                   | 6                                   | 4                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | -   | -  |                |                                   |
| Christchurch Marylebone H - W.M.  | 33700  | 9                                   | 6                                   | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   | -  |                |                                   |
| St. John Marylebone H - W.M.  | 33633  | 9                                   | 6                                   | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Hampstead WwHHHH N.R. & W.M.  | 45452  | 36                                  | 17                                  | 4                               | 4                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | 2          | 1         | 1   | 2  |                |                                   |
| Regent's Park Paneras H - W.M.  | 59115  | 10                                  | 9                                   | 2                               | 3                                   | -          | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | 1   | 1  |                |                                   |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 15                                  | 13                                  | 4                               | 2                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1   | 8  |                |                                   |
| Gray's Inn Lane HHH - N.R.  | 30247  | 19                                  | 12                                  | 6                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1   | 2  |                |                                   |
| Gray's Inn Lane HHH - N.R.  | 34369  | 24                                  | 8                                   | 1                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 1   | 3  |                |                                   |
| Somers Town H - - N.R.  | 17311  | 21                                  | 11                                  | 2                               | 5                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | 2          | 1         | 6   | 3  |                |                                   |
| Camden Town WH - - N.R.   | 17311  | 48                                  | 24                                  | 8                               | -                                   | -          | -        | -              | -           | 2               | -       | -                              | -                            | 2          | 2         | 2   | 3  |                |                                   |
| Kentish Town W - - N.R.   | 67487  | 50                                  | 25                                  | 4                               | 5                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | 3          | -         | 1   | 9  |                |                                   |
| Upper Holloway WwWH - N.R.  | 67946  | 67                                  | 24                                  | 8                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -   | -  |                |                                   |
| Islington South-west HH - N.R.  | 100976                                       | 40                                  | 12                                  | 3                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1   | -  |                |                                   |
| Islington South-east - - N.R.   | 61826  | 23                                  | 15                                  | 3                               | 4                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | 1  |                |                                   |
| Highbury H - - N.R.   | 32048  | 18                                  | 6                                   | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -  |                |                                   |
| Stoke Newington H - - N.R.  | 22781  | 10                                  | 3                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Stamford Hill - - E.L.  | 9277   | 21                                  | 11                                  | 1                               | 6                                   | -          | 1        | 1              | -           | -               | -       | -                              | -                            | 1          | -         | 2   | -  |                |                                   |
| West Hackney - - N.R.   | 37610  | 58                                  | 29                                  | 5                               | 8                                   | -          | 1        | 4              | 1           | -               | -       | -                              | -                            | -          | 1         | 1   | 13 |                |                                   |
| Hackney WwWH - - E.L. & N.R.  | 76911  | 21                                  | 15                                  | 6                               | 4                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | -  |                |                                   |
| South Hackney - - E.L.  | 39383  | 24                                  | 15                                  | 6                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| CENTRAL DISTRICTS.  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    |                |                                   |
| St. George Bloomsbury - - N.R.  | 16681  | 5                                   | 2                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -  |                |                                   |
| St. Giles South WH - - N.R.   | 14864  | 9                                   | 10                                  | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 8  |                |                                   |
| St. Giles North - - N.R.  | 13837  | 8                                   | 3                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                     | 17506  | 3                                   | 10                                  | 1                               | 1                                   | -          | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | 2   | 5  |                |                                   |
| St. Mary-le-Strand H - - N.R.   | 7515   | 6                                   | 4                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -  |                |                                   |
| St. Clement Danes H - - N.R.  | 8559   | 3                                   | 4                                   | -                               | 1                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 2   | 2  |                |                                   |
| Strand Union Workhouse, Edmonton w.                                       | -  | -                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1  |                |                                   |
| St. Geo. the Martyr HHHHHHH N.R.  | 18871  | 7                                   | 4                                   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -  |                |                                   |
| St. Andrew Eastern W - - N.R.   | 10706  | 5                                   | 4                                   | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -  |                |                                   |
| Salmon Hill H - - N.R.  | 6633   | 4                                   | 2                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| St. James Clerkenwell - - N.R.  | 17516  | 11                                  | 1                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Andrew Clerkenwell - - N.R.   | 19281  | 10                                  | 5                                   | -                               | 1                                   | -          | -        | -              | 1           | 1               | -       | -                              | -                            | 1          | -         | -   | -  |                |                                   |
| Pentonville - - N.R.  | 14773  | 13                                  | 6                                   | 2                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Goosewell-street - - N.R.   | 17506  | 5                                   | 1                                   | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Old-street H - - N.R.   | 11541  | 10                                  | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -   | -  |                |                                   |
| City-road HHL - - N.R.  | 18628  | 27                                  | 3                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -  |                |                                   |
| Whitechapel-street - - N.R.   | 9217   | 3                                   | 1                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Finchbury - - N.R.  | 7463   | 2                                   | 2                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -  |                |                                   |
| Holborn Union Workhouse, Mitcham, w.                                      | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| St. Botolph H - - N.R. & E.L.   | 11174  | 6                                   | 4                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Cripplegate - - N.R.  | 7193   | 4                                   | 1                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| St. Sepulchre H - - N.R.  | 5383   | 2                                   | 14                                  | -                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 2   | 14 |                |                                   |
| St. Bride W - - N.R.  | 8396   | 1                                   | 3                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Allhallows Barking - - N.R.   | 13666  | 2                                   | 3                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |
| Broad Street H - - N.R.   | 4432   | 2                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and Kent Company.





TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 7th July, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.             | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |    |                                 |                                     |            |          |                |             |                 |        |            |                |                                   |                    |
|---|--|--|---|---------|---------|---|----|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|--------|------------|----------------|-----------------------------------|--------------------|
|   |  |  |   |         |         | Deaths of                                 |    | Deaths from                     |                                     |            |          |                |             |                 |        |            | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes |
|   |  |  |   |         |         |   |    | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. |                |                                   |                    |
|   |  |  |   |         |         |   |    |                                 |                                     |            |          |                |             |                 |        |            |                |                                   |                    |
| LONDON—OUTER RING   |  | 370,924  | 950,957   | 782     | 291     | 63  | 95 | -                               | 1                                   | 3          | 6        | 6              | 2           | 1               | 9      | 18         | 43             |                                   |                    |
| 80: 1   | Carshalton <i>wL</i> -                     | 12228  | 21118   | 8       | 8       | 1   | 4  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 4              |                                   |                    |
| 2   | Epsom ( <i>part of</i> ) * <i>WwH</i>      | 9971   | 10710   | 5       | 2       | -   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 87: 1   | Godstone ( <i>part of</i> ) * -            | 2754   | 1235  | 3       | 1       | 1   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 88: 1   | Croydon <i>WwHHL</i> -                     | 20851  | 101241  | 54      | 27      | 5   | 10 | -                               | -                                   | -          | 1        | 2              | -           | -               | -      | -          | 5              |                                   |                    |
| 2   | Mitcham <i>w†</i> -                        | 11697  | 17932   | 9       | 1       | -   | 1  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 89: 1   | Wimbledon <i>HHH</i> -                     | 3220   | 15950   | 11      | 4       | 2   | 1  | -                               | -                                   | -          | 1        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 2   | Kingston <i>WHH</i> -                      | 8549   | 36354   | 30      | 10      | 1   | 1  | -                               | -                                   | 1          | -        | -              | -           | -               | -      | -          | 3              |                                   |                    |
| 3   | Esher ( <i>part of</i> ) * -               | 6601   | 9221  | 12      | -       | -   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 4   | Hampton <i>H</i> -                         | 4573   | 13539   | 7       | 1       | -   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 40: 1   | Richmond <i>WH</i> -                       | 2272   | 21502   | 16      | 9       | 2   | 4  | -                               | -                                   | -          | -        | 1              | -           | -               | -      | 1          | 1              |                                   |                    |
| 2   | Mortlake -                                 | 2941   | 12331   | 11      | 6       | 1   | 1  | -                               | -                                   | -          | -        | -              | -           | -               | 1      | 1          | -              |                                   |                    |
| 41: 1   | Bromley ( <i>pt. of</i> ) * <i>HH</i>      | 15669  | 31142   | 21      | 5       | -   | 3  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 2   | Chislehurst ( <i>pt. of</i> ) * <i>WHH</i> | 14307  | 16844   | 12      | 5       | 1   | 1  | -                               | -                                   | -          | -        | -              | -           | -               | 1      | 1          | -              |                                   |                    |
| 42: 1   | Bexley <i>H</i> -                          | 13437  | 24134   | 13      | 5       | 1   | 1  | -                               | -                                   | -          | -        | 1              | -           | -               | -      | -          | -              |                                   |                    |
| 2   | Dartford' ( <i>Ww, pts. of</i> ) *         | -  | -   | -       | -       | -   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 124: 1  | Sunbury <i>w</i> -                         | 11055  | 11685   | 4       | 4       | -   | 3  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 2   | Staines <i>W</i> -                         | 13277  | 12089   | 6       | 3       | -   | 3  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 3              |                                   |                    |
| 125: 1  | Hillingdon <i>WHH</i> -                    | 6029   | 10802   | 7       | 3       | 1   | 2  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 1              |                                   |                    |
| 2   | Uxbridge -                                 | 6173   | 5225  | -       | -       | -   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 3   | Hayes <i>wHL</i> -                         | 14367  | 11623   | 9       | 3       | -   | 2  | -                               | -                                   | -          | -        | -              | -           | -               | 1      | 2          | 1              |                                   |                    |
| 126: 1  | Isleworth <i>WHH</i> -                     | 7003   | 22727   | 12      | 5       | 1   | 3  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 1              |                                   |                    |
| 2   | Twickenham <i>H</i> -                      | 2477   | 12479   | 8       | 2       | -   | -  | -                               | -                                   | 1          | -        | -              | -           | -               | -      | -          | 1              |                                   |                    |
| 3   | Brentford <i>HL</i> -                      | 4345   | 27649   | 20      | 9       | 1   | 2  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 4   | Chiswick -                                 | 1340   | 15975   | 19      | 5       | 2   | 2  | -                               | -                                   | -          | -        | 1              | -           | -               | -      | -          | -              |                                   |                    |
| 5   | Acton <i>wH</i> -                          | 6033   | 22876   | 19      | 6       | 1   | 1  | -                               | -                                   | -          | -        | -              | -           | -               | 1      | 1          | -              |                                   |                    |
| 127: 1  | Harrow <i>H</i> -                          | 13809  | 12796   | 6       | 3       | 1   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 2   | Edgware <i>H</i> -                         | 6994   | 3749  | -       | 1       | -   | 1  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 3   | Willesden -                                | 4383   | 27453   | 38      | 12      | 3   | 2  | -                               | -                                   | -          | -        | -              | -           | -               | 1      | 1          | -              |                                   |                    |
| 4   | Hendon <i>W</i> -                          | 8382   | 10484   | 8       | 3       | 1   | 2  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 1              |                                   |                    |
| 128: 1  | South Mimms -                              | 15599  | 6391  | 8       | 3       | -   | 2  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 2   | Barnet -                                   | 5433   | 10092   | 9       | 1       | 1   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 3   | Finchley <i>HL</i> -                       | 4688   | 17615   | 12      | 9       | 2   | 4  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 5              |                                   |                    |
| 129: 1  | Hornsey <i>H</i> -                         | 3039   | 37078   | 25      | 10      | 1   | 4  | -                               | -                                   | -          | -        | -              | 1           | -               | -      | 2          | -              |                                   |                    |
| 2   | Tottenham <i>H</i> -                       | 4642   | 46456   | 61      | 22      | 5   | 3  | -                               | -                                   | -          | 2        | -              | 1           | -               | 1      | 4          | 2              |                                   |                    |
| 3   | Edmonton <i>Ww†</i> -                      | 7483   | 23463   | 20      | 9       | 2   | 3  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 4              |                                   |                    |
| 4   | Enfield <i>WH</i> -                        | 12653  | 19104   | 21      | 4       | 1   | 2  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 1              |                                   |                    |
| 5   | Waltham Abbey -                            | 11017  | 5363  | -       | 1       | -   | -  | -                               | -                                   | -          | -        | -              | -           | -               | 1      | 1          | -              |                                   |                    |
| 6   | Cheshunt -                                 | 8480   | 7735  | 4       | 1       | -   | 1  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 135: 1  | Hatfield ( <i>part of</i> ) * -            | 3306   | 583   | -       | -       | -   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 137: 1  | Bushy -                                    | 9331   | 6621  | 5       | 1       | -   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 2   | Watford ( <i>W, pt. of</i> ) *             | -  | -   | -       | 1       | -   | 1  | -                               | -                                   | -          | -        | -              | -           | 1               | -      | -          | 1              |                                   |                    |
| 136: 1  | Stratford -                                | 882  | 38606   | 23      | 11      | 3   | 3  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 2   | West Ham <i>wewwH§</i> -                   | 7351   | 101053  | 125     | 30      | 10  | 6  | -                               | 1                                   | 1          | -        | 1              | -           | -               | 1      | 2          | -              |                                   |                    |
| 3   | Leyton <i>WwL</i> -                        | 4372   | 32430   | 37      | 22      | 4   | 11 | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 13             |                                   |                    |
| 4   | Walthamstow <i>H</i> -                     | 6520   | 28869   | 35      | 12      | 5   | 1  | -                               | -                                   | -          | 2        | -              | -           | -               | -      | 1          | -              |                                   |                    |
| 137: 1  | Chigwell ( <i>part of</i> ) * <i>H</i>     | 11761  | 9339  | 7       | 3       | 1   | -  | -                               | -                                   | -          | -        | -              | -           | -               | 1      | 1          | -              |                                   |                    |
| 2   | Epping ( <i>W, pt. of</i> ) *              | -  | -   | 1       | 1       | 1   | -  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 139: 1  | Romford ( <i>part of</i> ) * <i>W</i>      | 6730   | 3411  | 3       | 1       | -   | 1  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | 1              |                                   |                    |
| 2   | Ilford -                                   | 3493   | 7645  | 9       | 3       | 1   | 1  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |
| 3   | Barking Town -                             | 4127   | 9203  | 13      | 3       | -   | 2  | -                               | -                                   | -          | -        | -              | -           | -               | -      | -          | -              |                                   |                    |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Chisvan and Knockholt (pop. 1813); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 375); 139: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford; 137: 2, Watford; and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 7th July, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16. |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 14.2  | 1.6                                   | 1502                             | 365                                       | 350  | -           | 24       | 13                | 35          | 37                  | 11     | 52        | 74        | 333 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 14.8  | 1.9                                   | 1211                             | 302                                       | 255  | -           | 23       | 10                | 29          | 31                  | 9      | 51        | 65        | 285 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 12.2  | 0.8                                   | 291                              | 63  | 95   | -           | 1        | 3                 | 6           | 6                   | 2      | 1         | 9         | 48  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700' 522 square miles, which is equivalent to the area of a circle having a radius of 14' 933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,287,049 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA - -                     | 433,219                               | June 2                      | -                               | 188     | 22.6                               | Fevers 45; cholera 37.                                |
| BOMBAY - -                       | 773,196                               | " 12                        | 291                             | 395     | 22.8                               | Fevers 133; cholera 7; small-pox 9.                   |
| MADRAS - -                       | 398,777                               | May 25                      | 315                             | 271     | 35.5                               | Fevers 70; cholera 6; diarrhoeal diseases 32.         |
| PARIS - - -                      | 2,260,945                             | June 30                     | 1193                            | 841     | 19.3                               | Diph. & crp. 24; typh. fev. 8; meas. 15; d. dis. 59.  |
| BRUSSELS - - (with 8 Faubourgs.) | 462,069                               | " 30                        | 254                             | 201     | 22.6                               | Diphtheria 5; measles 9; whooping-cough 3.            |
| AMSTERDAM -                      | 390,016                               | " 30                        | 280                             | 195     | 25.9                               | Wh.-cough 12; measles 2.                              |
| ROTTERDAM -                      | 193,658                               | " 30                        | 141                             | 68      | 18.2                               | Diarrhoeal diseases 3.                                |
| THE HAGUE -                      | 149,477                               | " 30                        | 85                              | 68      | 23.5                               | -   |
| COPENHAGEN -                     | 300,000                               | " 19                        | 205                             | 122     | 21.2                               | Diph. 4; sc. fev. 5; tpd. fv. 3.                      |
| STOCKHOLM -                      | 221,549                               | " 26                        | 199                             | 163     | 28.3                               | Diph. 2; sc. fev. 2; d. dis. 17.                      |
| CHRISTIANIA -                    | 184,000                               | " 23                        | 140                             | 72      | 16.9                               | Diphtheria and croup 3; scar. fev. 2; wh.-cgh. 6.     |
| ST. PETERSBURG                   | 928,016                               | " 30                        | 73                              | 44      | 16.9                               | Diphtheria and croup 2; sc. fv. 2; diarr. dis. 7.     |
| BERLIN - -                       | 1,413,603                             | " 23                        | -                               | 591     | 33.2                               | Typ. & tpd. fev. 18; d. & cp 8; meas. 52; d. dis. 80. |
| HAMBURG(State)                   | 529,091                               | " 16                        | 816                             | 506     | 18.6                               | Diph. & croup 14; scarlet fev. 3; diarr. dis. 55.     |
| DRESDEN - -                      | 259,142                               | " 23                        | 363                             | 270     | 26.6                               | Diphtheria and croup 11; scar. fev. 4; meas. 38.      |
| BRISLAU - -                      | 313,451                               | " 23                        | 151                             | 81      | 16.3                               | Diphtheria and croup 2.                               |
| MUNICH - -                       | 275,000                               | " 23                        | 158                             | 100     | 20.1                               | Diph. & croup 6; meas. 3.                             |
| VIENNA - -                       | 800,836                               | " 23                        | 196                             | 167     | 28.4                               | Diph. 8; diarr. dis. 26.                              |
| PRAGUE - -                       | 295,857                               | " 30                        | 221                             | 182     | 31.0                               | Diph. 6; diarr. dis. 47.                              |
| BUDA-PESTH -                     | 442,787                               | " 23                        | 197                             | 186     | 35.2                               | Diphtheria and croup 4; sc. fev. 3; diarr. dis. 33.   |
| TRIESTE - -                      | 156,042                               | " 23                        | 516                             | 418     | 27.1                               | Diph. 6; scar. fev. 5; meas. 8; typh. fev. 4.         |
| ROME - - -                       | 382,973                               | " 23                        | -                               | 221     | 39.0                               | Small-pox 24; meas. 10; diph. 3; scar. fev. 3.        |
| TURIN (10 days)                  | 194,826                               | " 23                        | 320                             | 276     | 32.4                               | Diphtheria 4; croup 5; diarrhoeal diseases 50.        |
| VENICE - - -                     | 150,502                               | " 23                        | -                               | 68      | 23.7                               | Small-pox 4; diph. and croup 2; wh.-cough 3.          |
| CAIRO - - -                      | 374,338                               | May 19                      | -                               | -       | -                                  | -   |
| ALEXANDRIA -                     | 231,396                               | June 10                     | 215                             | 214     | 26.6                               | Diph. 5; scar. fever 4; typh. fev. 4; diar. dis. 26.  |
| NEW YORK - -                     | 1,493,000                             | " 23                        | 78                              | 64      | 22.2                               | Diarrhoeal diseases 8.                                |
| BROOKLYN - -                     | 774,870                               | " 14                        | 288                             | 443     | 61.7                               | Typhd. fev. 14; diar. dis. 164; ms. 19; wh.-cgh. 13.  |
| PHILADELPHIA -                   | 1,016,768                             | " 14                        | 162                             | 134     | 30.2                               | Typd. fev. 2; diarrhoeal diseases 30.                 |
| BALTIMORE -                      | 437,135                               | " 16                        | -                               | 160     | 19.1                               | Diph. 38; scar. fever 32; measles 18; sm.-pox 4.      |



ring the Week ending Saturday, 7th JULY, 1888.

[Under the Supervision of the Astronomer Royal.]

TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY,

| Under the Sun                      |  |  |  |  |  |  |  |  |  | Under the Moon  |  |  |  |  |  |  |  |  |  | Under the Stars                         |  |  |  |  |  |  |  |  |  |
|------------------------------------|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|
| TEMPERATURE.                       |  |  |  |  |  |  |  |  |  | TEMPERATURE.  |  |  |  |  |  |  |  |  |  | TEMPERATURE.                            |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Low. est.                          |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Daily Range.                       |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Mean daily value.                  |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| De- gree from Average of 20 years. |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| Of the Air.                        |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Barometer.                         |  |  |  |  |  |  |  |  |  | Difference between the Air Temperature and Dew Point. |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Phases of the Moon.                |  |  |  |  |  |  |  |  |  | Of the Dew Point.                                     |  |  |  |  |  |  |  |  |  | Of the Water in the Thames at Deptford. |  |  |  |  |  |  |  |  |  |
| Mean daily reading.                |  |  |  |  |  |  |  |  |  | Mean daily value.                                     |  |  |  |  |  |  |  |  |  | Mean daily value.                       |  |  |  |  |  |  |  |  |  |
| High. est.                         |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |

OFFICIAL COPY.

WEEKLY RETURN  
OF  
BIRTHS AND DEATHS IN LONDON  
AND IN  
TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,  
16th July, 1888.

TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 15·7 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |             |            |             | TOWNS.             | Weeks ending |             |            |             |
|--------------|--------------|-------------|------------|-------------|--------------------|--------------|-------------|------------|-------------|
|              | June<br>23.  | June<br>30. | July<br>7. | July<br>14. |                    | June<br>23.  | June<br>30. | July<br>7. | July<br>14. |
| Birkenhead   | 10·4         | 17·2        | 11·5       | 13·6        | Liverpool - -      | 16·0         | 16·1        | 15·8       | 16·8        |
| Birmingham   | 14·3         | 14·2        | 15·4       | 14·8        | London - -         | 14·5         | 15·1        | 14·8       | 15·7        |
| Blackburn -  | 18·9         | 14·5        | 13·6       | 11·4        | Manchester -       | 22·5         | 21·2        | 21·0       | 23·7        |
| Bolton -     | 23·4         | 20·7        | 18·9       | 28·5        | Newcastle-on-Tyne* | 19·7         | 15·8*       | 20·3       | 15·1        |
| Bradford*    | 12·5         | 15·0        | 13·4       | 16·1        | Norwich - -        | 12·8         | 15·0        | 17·8       | 15·0        |
| Brighton -   | 18·7         | 10·4        | 9·1        | 11·7        | Nottingham*        | 9·9          | 15·1        | 9·9        | 13·3        |
| Bristol -    | 12·4         | 13·8        | 12·9       | 10·6        | Oldham - -         | 18·1         | 15·9        | 17·4       | 17·7        |
| Cardiff*     | 15·9         | 15·9        | 13·9       | 14·9        | Plymouth - -       | 23·5         | 20·1        | 17·5       | 12·8        |
| Derby -      | 14·1         | 15·2        | 19·0       | 14·1        | Portsmouth -       | 11·6         | 15·3        | 12·7       | 13·8        |
| Halifax -    | 16·3         | 20·2        | 12·4       | 18·2        | Preston - -        | 24·3         | 27·8        | 22·2       | 15·7        |
| Huddersfield | 16·6         | 12·6        | 12·0       | 11·4        | Salford* - -       | 21·4         | 26·0        | 15·9       | 14·3        |
| Hull - -     | 15·0         | 14·7        | 13·7       | 12·4        | Sheffield - -      | 15·7         | 17·0        | 14·3       | 13·1        |
| Leeds -      | 15·0         | 15·3        | 15·3       | 17·5        | Sunderland -       | 16·2         | 13·4        | 18·2       | 19·0        |
| Leicester*   | 17·8         | 15·3        | 11·4       | 15·6        | Wolverhampton -    | 16·6         | 16·0        | 12·8       | 16·0        |

The highest annual death-rates, measured by last week's mortality, were :—from *measles*, 1·4 in Bradford; from *whooping-cough*, 1·1 in Derby; and from *diarrhoea*, 1·4 in Bradford, 1·5 in Preston, 1·8 in Leicester, and 3·2 in Bolton. The death-rates from *scarlet fever* and from "*fever*" did not reach 1·0 per 1000 in any of the twenty-eight towns. The 36 deaths from *diphtheria* in these towns included 24 in London, and 2 in Manchester. *Small-pox* caused 6 deaths in Preston, 2 in Sheffield, one in Bolton, one in Leeds, and one in London, but not one in any of the twenty-three other great towns.

LONDON.

In LONDON† 2520 BIRTHS and 1288 DEATHS were registered. Allowing for increase of population, the births were 205, and the deaths 460, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 14·2, 14·5, 15·1, and 14·8 in the four preceding weeks, rose last week to 15·7. During the thirteen weeks of last quarter the death-rate averaged 16·9 per 1,000, and was 3·0 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1288 deaths included 1 from small-pox, 26 from measles, 18 from scarlet fever, 24 from diphtheria, 32 from whooping-cough, 12 from enteric fever, 1 from an undefined form of continued fever, 72 from diarrhoea and dysentery, and 3 from cholera and choleraic diarrhoea; thus, 189 deaths were referred to these diseases, being 271 below the corrected average weekly number.

One death from *small-pox* was registered, the corrected average being 11; this death occurred in the Hospital Ship in the Thames off Dartford, and was of a labourer admitted from the Casual Ward of the St. Pancras Union Workhouse. There were only 2 patients under treatment for this disease in the Metropolitan Asylum Hospitals, and not any in the Highgate Small-pox Hospital, on Saturday last. The deaths from *measles*, which had been 18, 20, and 23 in the three preceding weeks, further rose last week to 26, but were 32 below the corrected average; 4 belonged to Poplar sanitary area. The fatal cases of *scarlet fever*, which had been 19 and 10 in the two preceding weeks, rose again last week to 18, but were 14 below the corrected average; 2 belonged to Westminster, 4 to Pancras (including 2 hospital cases admitted from 41 Sandwich Street), 3 to Bethnal Green, and 3 to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 890 scarlet fever patients, against 895, 924, and 897 on the three preceding Saturdays; 103 cases were admitted during the week, against 81, 98, and 81 in the three previous weeks. The deaths from *diphtheria*, which had been 28 and 29 in the two preceding weeks, declined last week to 24, but exceeded the corrected average by 10; 2 belonged to Paddington, 2 to Kensington, 2 to Pancras, 3 to Lambeth, 2 to Battersea, and 2 to Wandsworth sanitary areas. The fatal cases of *whooping-cough* rose to 32, from 27 and 31 in the two previous weeks, but were 28 below the corrected average; 15 belonged to the South London sanitary areas. The deaths attributed to *diarrhoea* and *dysentery*, which had steadily increased in the four preceding weeks from 16 to 51, further rose last week to 72, but were 183 below the corrected average; 60 were of infants aged under one year. The 3 deaths referred to *simple cholera* or *choleraic diarrhoea*, were all of infants aged under one year.

The deaths from *enteric fever*, which had been 10 and 7 in the two previous weeks, rose last week to 12, but were 2 below the corrected average; 3 belonged to Pancras and 2 to Poplar sanitary areas. The death of an adult female in Islington was indefinitely referred to continued fever. The Metropolitan Asylum Hospitals contained 82 cases of enteric fever, but not one of typhus, on Saturday last; 5 cases of enteric fever were admitted during the week.

The deaths referred to diseases of the respiratory organs, which had been 156 and 176 in the two preceding weeks, declined again last week to 164, and were 43 below the corrected average.

Different forms of violence caused 56 deaths; 45 were the result of negligence or accident, among which were 28 from fractures and contusions, 6 from drowning, and 7 of infants under one year of age from suffocation. The 28 deaths from fractures and contusions were thus caused:—7 by accidents from vehicles in the streets; 2 by accidents on railways; 3 by fall from window; 2 by fall into area; 2 by fall down stairs; 2 by fall from perambulator; 1 by fall into ship's hold; 1 by fall from plank; 1 by fall in street; 3 by fall in room; 2 by fall, the nature of which was not stated; 1 by injury from machinery; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 28 cases. Eight cases of suicide were recorded, the corrected average being 9.

#### GREATER LONDON.

In Greater London 3288 births and 1563 deaths were registered, corresponding to annual rates of 31·0 and 14·8 per 1000 of the estimated population. In the Outer Ring 13 deaths from diphtheria, and 6 from whooping-cough, were registered. The fatal cases of diphtheria included 4 in West Ham sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·80 in.; the lowest reading was 29·50 in. on Wednesday morning and the highest was 29·94 in. on Friday morning. The mean temperature of the *air* was 55·8, and 7°·0 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on each day of the week, the coldest days being Wednesday and Thursday, when the deficiency of temperature was 14°·9 and 13°·4 respectively. The general direction of the *wind* was N.W., and the horizontal movement of the air averaged 11·2 miles per hour, which was 1·5 miles above the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·44 of an inch. The duration of registered bright sunshine in the week was 23·2 hours, against 26·6 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the Week ending 14th July, 1888.

| CITIES<br>AND<br>BOROUGHES.  | Cols.   | Registered during<br>the Week ending<br>14th July, 1888.  |   |  | The DEATHS registered in the Week include  |  |             |          |                   |             |                     |          |            |           | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths |                                      |                                 |    | TEMPERATURE OF THE AIR. |                                    |             |    | RAINFALL. |       | CITIES<br>AND<br>BOROUGHES. |             |               |                         |
|--|---|---|---|--|--|--|-------------|----------|-------------------|-------------|---------------------|----------|------------|-----------|--|--------------------------------------|---------------------------------|----|-------------------------|------------------------------------|-------------|----|-----------|-------|-----------------------------|-------------|---------------|-------------------------|
|  |   | 1.  | 2.  | 3.   | Deaths of  |  | Deaths from |          |                   |             |                     |          |            |           | Deaths in<br>Public<br>Institutions.                                 |                                      | Uncertified<br>Causes of Death. |    | From All<br>Causes.     | From<br>Diseases in<br>Cols. 6-12. | Fahrenheit. |    | Lowest.   | Mean. |                             | Centigrade. | In<br>Inches. | In<br>Centi-<br>inches. |
|  |   |   |   |  | Infants under<br>1 Year of<br>Age.   | Persons aged<br>60 Years<br>and upwards.   | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Typhoid. | Diarrhoea. | Violence. | Inquest Cases.   | Deaths in<br>Public<br>Institutions. | Uncertified<br>Causes of Death. |    |                         |                                    |             |    |           |       |                             |             |               |                         |
|  |   |   |   |  |  |  |             |          |                   |             |                     |          |            |           |  |                                      |                                 | 4. |                         |                                    | 5.          | 6. |           |       |                             |             |               |                         |
| 28 TOWNS*<br>LONDON*<br>BRIGHTON<br>PORTSMOUTH<br>NORWICH<br>PLYMOUTH<br>BRISTOL<br>WOLVERHAMPTON<br>BIRMINGHAM<br>LEICESTER*<br>NOTTINGHAM*<br>DERBY<br>BIRKENHEAD<br>LIVERPOOL<br>BOLTON<br>MANCHESTER<br>SALFORD*<br>OLDHAM<br>BLACKBURN<br>PRESTON<br>HUDDESFIELD<br>HALEFAX<br>BRADFORD*<br>LEEDS<br>SHEFFIELD<br>HULL<br>SUNDERLAND<br>NEWCASTLE*<br>CARDIFF | 9,398,273<br>4,282,921<br>119,983<br>189,575<br>98,075<br>77,674<br>226,510<br>81,601<br>447,912<br>146,750<br>230,921<br>96,241<br>100,093<br>539,738<br>113,506<br>378,164<br>226,336<br>138,220<br>119,089<br>103,234<br>91,419<br>80,183<br>228,721<br>351,210<br>321,711<br>138,468<br>131,919<br>159,063<br>108,570 | 5586<br>1288<br>43<br>96<br>59<br>44<br>138<br>61<br>288<br>73<br>144<br>54<br>75<br>318<br>77<br>260<br>196<br>73<br>86<br>59<br>26<br>20<br>34<br>115<br>210<br>185<br>138<br>72<br>124<br>88 | 2835<br>1288<br>27<br>37<br>27<br>19<br>46<br>25<br>127<br>44<br>59<br>26<br>26<br>62<br>172<br>62<br>47<br>19<br>47<br>26<br>31<br>28<br>71<br>210<br>81<br>48<br>48<br>46<br>46<br>31 | 755<br>359<br>5<br>9<br>8<br>3<br>11<br>9<br>26<br>12<br>19<br>10<br>7<br>15<br>47<br>19<br>10<br>8<br>9<br>3<br>3<br>21<br>31<br>21<br>16<br>16<br>7<br>46<br>8 | 587<br>271<br>8<br>8<br>8<br>4<br>11<br>4<br>32<br>12<br>11<br>9<br>28<br>8<br>23<br>10<br>10<br>5<br>3<br>11<br>13<br>29<br>19<br>19<br>7<br>9<br>10<br>7 | 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|             |          |                   |             |                     |          |            |           |  |                                      |                                 |    |                         |                                    |             |    |           |       |                             |             |               |                         |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-EIGHTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2394 | 2604 | 2418 | 2533 | 2483 | 2534 | 2409 | 2411 | 2626 | 2577 | 2725.0   | 2520 |
| Males . .           | 1222 | 1302 | 1234 | 1262 | 1267 | 1275 | 1232 | 1267 | 1384 | 1318 | 1391.8   | 1280 |
| Females .           | 1172 | 1302 | 1184 | 1271 | 1216 | 1259 | 1177 | 1144 | 1242 | 1259 | 1333.2   | 1240 |
| <b>TOTAL Deaths</b> | 1589 | 1179 | 1441 | 1816 | 1347 | 1736 | 1849 | 1616 | 1680 | 1774 | 1747.7   | 1288 |
| Males . .           | 864  | 598  | 752  | 979  | 713  | 973  | 957  | 848  | 878  | 914  | 913.9  | 660  |
| Females .           | 725  | 581  | 689  | 837  | 629  | 863  | 892  | 768  | 802  | 860  | 833.8  | 628  |

\* The numbers in this column are the average weekly numbers in the twenty-eighth weeks of the ten years 1878-87 raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Apr.<br>21. | Apr.<br>28. | May<br>5. | May<br>12. | May<br>19. | May<br>26. | June<br>2. | June<br>9. | June<br>16. | June<br>23. | June<br>30. | July<br>7. | July<br>14. |
|--|-------------|-------------|-----------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|-------------|
| <b>TOTAL Births</b>                      | 2579        | 2577        | 2650      | 2574       | 2364       | 2278       | 2491       | 2430       | 2399        | 2534        | 2289        | 2348       | 2520        |
| <b>TOTAL Deaths</b>                      | 1551        | 1437        | 1429      | 1360       | 1469       | 1361       | 1323       | 1219       | 1167        | 1190        | 1238        | 1211       | 1288        |
| 0-20                                     | 681         | 628         | 643       | 615        | 637        | 608        | 581        | 527        | 503         | 536         | 562         | 576        | 628         |
| 20-40                                    | 212         | 177         | 187       | 186        | 212        | 180        | 178        | 156        | 176         | 149         | 171         | 172        | 160         |
| 40-60                                    | 265         | 277         | 243       | 238        | 272        | 256        | 266        | 248        | 208         | 226         | 213         | 208        | 229         |
| 60-80                                    | 310         | 302         | 277       | 255        | 276        | 268        | 255        | 245        | 234         | 242         | 241         | 205        | 230         |
| at 80 years & upwds.                     | 83          | 53          | 79        | 66         | 72         | 49         | 43         | 43         | 46          | 37          | 51          | 50         | 41          |
| Deaths of children { Under 1 year        | 367         | 329         | 324       | 319        | 296        | 322        | 288        | 264        | 251         | 281         | 297         | 302        | 359         |
| { 1-5                                    | 229         | 209         | 225       | 190        | 254        | 204        | 184        | 176        | 163         | 155         | 178         | 203        | 182         |
| { 5-20                                   | 85          | 90          | 94        | 106        | 87         | 82         | 109        | 87         | 89          | 100         | 87          | 71         | 87          |
| Deaths from Small-pox                    | -           | 1           | -         | -          | -          | -          | -          | -          | -           | -           | -           | -          | 1           |
| " " Measles                              | 18          | 16          | 14        | 22         | 18         | 23         | 24         | 25         | 21          | 18          | 20          | 23         | 26          |
| " " Scarlet fever                        | 21          | 15          | 23        | 19         | 13         | 17         | 19         | 23         | 19          | 10          | 19          | 10         | 18          |
| " " Diphtheria                           | 10          | 22          | 15        | 15         | 29         | 19         | 26         | 22         | 18          | 15          | 28          | 29         | 24          |
| " " Whooping-cough                       | 91          | 80          | 87        | 52         | 64         | 64         | 37         | 33         | 34          | 33          | 27          | 31         | 32          |
| " " Typhus                               | -           | -           | 1         | -          | -          | -          | -          | -          | -           | -           | -           | -          | -           |
| " " Enteric fever                        | 13          | 7           | 11        | 9          | 12         | 10         | 9          | 8          | 8           | 15          | 10          | 7          | 12          |
| " " Simple Cont <sup>d</sup> fever       | 1           | -           | -         | 1          | -          | 3          | -          | 1          | 1           | -           | -           | 2          | 1           |
| " " Diarrhæa and Dysentery               | 23          | 17          | 19        | 14         | 15         | 9          | 19         | 18         | 16          | 18          | 36          | 51         | 72          |
| " " Cholera                              | -           | -           | -         | 1          | -          | 2          | 1          | -          | -           | -           | 2           | 3          | 3           |
| Deaths from the above-mentioned Diseases | 177         | 158         | 170       | 133        | 151        | 147        | 135        | 130        | 117         | 109         | 142         | 156        | 189         |
| " " Dis. of Respiratory System           | 363         | 343         | 287       | 260        | 296        | 228        | 237        | 185        | 213         | 184         | 156         | 176        | 164         |
| " " Phthisis                             | 137         | 146         | 135       | 134        | 176        | 151        | 157        | 185        | 119         | 133         | 117         | 114        | 114         |
| " " Dis. of Circulatory System           | 129         | 87          | 122       | 119        | 105        | 119        | 109        | 101        | 89          | 95          | 101         | 96         | 110         |
| Violent Deaths                           | 48          | 56          | 39        | 51         | 63         | 65         | 73         | 51         | 71          | 63          | 64          | 65         | 56          |
| Inquest Cases                            | 109         | 110         | 101       | 106        | 113        | 108        | 111        | 90         | 103         | 105         | 111         | 107        | 125         |
| Deaths in Public Institutions            | 352         | 352         | 332       | 305        | 370        | 345        | 326        | 275        | 312         | 280         | 302         | 285        | 300         |
| TEMPERATURE OF THE AIR                   |             |             |           |            |            |            |            |            |             |             |             |            |             |
| Mean                                     | 48.5        | 48.7        | 49.0      | 52.3       | 55.9       | 54.0       | 55.8       | 58.9       | 57.1        | 54.2        | 61.9        | 56.4       | 55.8        |
| Mean of Highest readings                 | 59.0        | 51.4        | 58.9      | 64.1       | 68.0       | 66.0       | 69.1       | 71.0       | 69.5        | 61.8        | 72.3        | 65.3       | 64.7        |
| Mean of Lowest readings                  | 41.2        | 37.8        | 40.2      | 41.2       | 45.6       | 43.2       | 44.3       | 49.8       | 47.8        | 43.1        | 54.3        | 50.8       | 48.2        |
| Humidity of the Air                      | 82          | 86          | 63        | 69         | 69         | 68         | 69         | 77         | 72          | 86          | 83          | 87         | 77          |
| Rain-fall in inches                      | 0.65        | 0.67        | 0.16      | 0.00       | 0.32       | 0.00       | 0.16       | 0.17       | 0.54        | 0.27        | 2.37        | 0.90       | 0.44        |
| Registered Sunshine (in hours)           | 35.7        | 8.0         | 43.2      | 51.0       | 39.4       | 62.3       | 43.8       | 21.2       | 51.7        | 17.7        | 29.9        | 18.5       | 23.2        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whiteledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandorborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-EIGHTH Week of the Year 1888.

| CAUSES OF DEATH.                           | Corrected Averages for the 28th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 14th July, 1888. |           |      |       |      |      |                  |                  |                  |   | CAUSES OF DEATH. | Corrected Averages for the 28th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 14th July 1888. |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
|--|---|---|-----------|------|-------|------|------|------------------|------------------|------------------|---|------------------|---|--|-----------|------|------|-------|----|------------------|------------------|------------------|-----------------------|----|----|---|----|----|----|----|---|---|
|  |   | Deaths of Persons of the Ages                 |           |      |       |      |      |                  |                  |                  |   |                  |   | Deaths of Persons of the Ages                |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
|  |   | ALL AGES.                                     | Under 20. |      |       |      |      | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards.                                     |                  |   | ALL AGES.                                    | Under 20. |      |      |       |    | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |    |    |   |    |    |    |    |   |   |
|  |   |   | 0-1.      | 1-5. | 5-20. | 0-1. | 1-5. |                  |                  |                  |   |                  |   |  | 5-20.     | 0-1. | 1-5. | 5-20. |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| ALL CAUSES - -                             | 1747.7  | 1233  | 359       | 182  | 87    | 160  | 229  | 230              | 41               |                  | Diseases of Organs of Special Sense † - -                 | 2.5              | 3   | 1  | -         | 1    | -    | 1     | -  | -                | -                |                  | 3                     | 1  | -  | 1 | -  | 1  | -  | -  | - | - |
| Small-pox { Vaccinated † - -               | 11.3  | 1   | -         | -    | -     | 1    | -    | -                | -                |                  | Diseases of Circulatory System - - -                      | 93.6             | 110   | 2  | 1         | 4    | 12   | 40    | 46 | 5                |                  |                  | 110                   | 2  | 1  | 4 | 12 | 40 | 46 | 5  |   |   |
| Unvaccinated - - -                         |   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Croup - - -   | 12.1             | 2   | 1  | 1         | -    | -    | -     | -  | -                | -                |                  | 2                     | 1  | 1  | - | -  | -  | -  | -  | - |   |
| No Statement - - -                         |   | -   | -         | -    | -     | -    | -    | -                | -                | -                |   | Bronchitis - - - | 104.7   | 83   | 29        | 16   | -    | -     | -  | -                | -                | -                |                       | 29 | 16 | - | -  | -  | -  | -  | - | - |
| Measles - - -                              | 53.4  | 26  | 7         | 17   | 2     | -    | -    | -                | -                |                  | Pneumonia - - -   | 64.2             | 59  | 9  | 19        | 3    | 13   | 3     | 7  | 4                |                  |                  | 59                    | 9  | 19 | 3 | 13 | 3  | 7  | 4  |   |   |
| Scarlet Fever - - -                        | 32.0  | 18  | -         | 11   | 6     | -    | 1    | -                | -                |                  | Pleurisy - - -  | 4.3              | 4   | -  | -         | -    | -    | 1     | 1  | -                |                  |                  | 4                     | -  | -  | - | -  | 1  | 1  | -  | - |   |
| Typhus - - -                               | 0.9   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Other Diseases of Respiratory System - -                  | 21.9             | 17  | 2  | 3         | 2    | 2    | 3     | 5  | -                |                  |                  | 17                    | 2  | 3  | 2 | 2  | 3  | 5  | -  | - |   |
| Relapsing Fever † - -                      | 0.0   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Dentition † - - -   | 19.4             | 13  | 10   | 3         | -    | -    | -     | -  | -                |                  |                  | 13                    | 10 | 3  | - | -  | -  | -  | -  | - |   |
| Influenza - - -                            | 0.1   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Quinsy, Sore Throat † -                                   | 1.9              | 4   | -  | -         | 1    | 2    | -     | 1  | -                |                  |                  | 4                     | -  | -  | 1 | 2  | -  | 1  | -  | - |   |
| Whooping-cough - -                         | 59.6  | 32  | 14        | 18   | -     | -    | -    | -                | -                |                  | Enteritis - - -   | 13.8             | 14  | 7  | 2         | 1    | 1    | 2     | -  | -                |                  |                  | 14                    | 7  | 2  | 1 | 1  | 2  | -  | -  | - |   |
| Diphtheria - - -                           | 14.4  | 24  | -         | 13   | 10    | -    | 1    | -                | -                |                  | Peritonitis - - -   | 9                | 9   | -  | 1         | 2    | 3    | 2     | 1  | -                |                  |                  | 9                     | -  | 1  | 2 | 3  | 2  | 1  | -  | - |   |
| Simple Continued and Ill-defined Fever - - | 3.5   | 1   | -         | -    | -     | 1    | -    | -                | -                |                  | Diseases of Liver - - -                                   | 32.2             | 24  | -  | -         | -    | -    | 7     | 10 | 7                |                  |                  | 24                    | -  | -  | - | -  | -  | 7  | 10 | 7 | - |
| Enteric Fever - - -                        | 13.6  | 12  | -         | 1    | 5     | 4    | 1    | 1                | -                |                  | Other Diseases of Digestive System -                      | 33.5             | 39  | 8  | 1         | 1    | 6    | 6     | 8  | -                |                  |                  | 39                    | 8  | 1  | 1 | 6  | 6  | 8  | -  | - |   |
| Cholera - - -                              | 11.1  | 3   | 3         | -    | -     | -    | -    | -                | -                |                  | Diseases of Lymphatic System & of Ductless Glands † - - - | 2.5              | -   | -  | -         | -    | -    | -     | -  | -                |                  |                  | -                     | -  | -  | - | -  | -  | -  | -  | - |   |
| Diarrhoea, Dysentery -                     | 255.4   | 72  | 60        | 7    | -     | -    | -    | 4                | 1                |                  | Diseases of Urinary System - - -                          | 32.9             | 39  | -  | -         | 2    | 6    | 13    | 17 | 1                |                  |                  | 39                    | -  | -  | 2 | 6  | 13 | 17 | 1  | - |   |
| Remittent Fever † - -                      | 0.2   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Diseases of Generative System & of Childbirth -           | 4.9              | 4   | -  | -         | -    | 2    | -     | 2  | -                |                  |                  | 4                     | -  | -  | - | -  | 2  | -  | -  | - |   |
| Hydrophobia - - -                          | 0.0   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Accidents of Childbirth -                                 | 4.9              | 4   | -  | -         | -    | 4    | -     | -  | -                |                  |                  | 4                     | -  | -  | - | 4  | -  | -  | -  | - |   |
| Glanders - - -                             | 0.0   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Diseases of Locomotive System † - - -                     | 7.0              | 4   | -  | -         | 4    | -    | -     | -  | -                |                  |                  | 4                     | -  | -  | 4 | -  | -  | -  | -  | - |   |
| Cowpox and Effects of Vaccination † - -    | 0.2   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Diseases of Integumentary System - - -                    | 5.2              | 4   | 1  | -         | -    | 1    | -     | 2  | -                |                  |                  | 4                     | 1  | -  | - | 1  | -  | 2  | -  | - |   |
| Veneral Affections -                       | 12.9  | 11  | 9         | -    | -     | 1    | 1    | -                | -                |                  | VIOLENT DEATHS. ‡   |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Erysipelas - - -                           | 4.1   | 4   | -         | 1    | -     | -    | 1    | 2                | -                |                  | ACCIDENT.)  |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Pyæmia and Septicæmia †                    | 2.1   | 3   | -         | -    | -     | 2    | 1    | -                | -                |                  | Fracture and Contusion                                    | 23.6             | 23  | 3  | 5         | 3    | 5    | 7     | 5  | -                |                  |                  | 23                    | 3  | 5  | 3 | 5  | 7  | 5  | -  | - |   |
| Puerperal Fever - - -                      | 4.1   | 4   | -         | -    | -     | 3    | 1    | -                | -                |                  | Gunshot Wound - - -                                       | 0.3              | -   | -  | -         | -    | -    | -     | -  | -                |                  |                  | -                     | -  | -  | - | -  | -  | -  | -  | - |   |
| Other Zymotic Diseases †                   | 3.0   | 1   | -         | -    | 1     | -    | -    | -                | -                |                  | Cut, Stab - - -   | 0.2              | -   | -  | -         | -    | -    | -     | -  | -                |                  |                  | -                     | -  | -  | - | -  | -  | -  | -  | - |   |
| Thrush - - -                               | 4.6   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Burn and Scald - - -                                      | 4.5              | 1   | -  | 1         | -    | -    | -     | -  | -                |                  |                  | 1                     | -  | 1  | - | -  | -  | -  | -  | - |   |
| Worms and other Parasitical Diseases - -   | 0.3   | -   | -         | -    | -     | -    | -    | -                | -                |                  | Poison - - -  | 1.9              | 1   | -  | -         | -    | -    | -     | -  | -                |                  |                  | 1                     | -  | -  | - | -  | -  | -  | -  | - |   |
| Starvation, Want of Breast-milk † - -      | 3.0   | 1   | 1         | -    | -     | -    | -    | -                | -                |                  | Drowning - - -  | 11.2             | 6   | -  | -         | 1    | 3    | 1     | 1  | -                |                  |                  | 6                     | -  | -  | 1 | 3  | 1  | 1  | -  | - |   |
| Alcoholism - - -                           | 6.0   | 6   | -         | -    | -     | 2    | 4    | -                | -                |                  | Suffocation - - -   | 10.3             | 8   | 7  | -         | -    | 1    | -     | -  | -                |                  |                  | 8                     | 7  | -  | - | 1  | -  | -  | -  | - |   |
|  |   |   |           |      |       |      |      |                  |                  |                  | Otherwise - - -   | 4.0              | 1   | -  | -         | -    | 1    | -     | -  | -                |                  |                  | 1                     | -  | -  | - | 1  | -  | -  | -  | - |   |
| Rheumatic Fever, Rheumatism of Heart †     | 7.8   | 6   | -         | -    | 4     | 2    | -    | -                | -                |                  | (HOMICIDE.)   |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Rheumatism † - - -                         | 3.3   | 2   | -         | -    | -     | 1    | 1    | -                | -                |                  | Murder & Manslaughter                                     | 1.5              | 3   | 1  | -         | -    | 2    | -     | -  | -                |                  |                  | 3                     | 1  | -  | - | 2  | -  | -  | -  | - |   |
| Gout - - -                                 | 3.3   | 2   | -         | -    | -     | -    | 2    | -                | -                |                  | (SUICIDE.)  |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Rickets † - - -                            | 4.8   | 4   | 1         | 3    | -     | -    | -    | -                | -                |                  | Gunshot Wound - - -                                       | 0.5              | -   | -  | -         | -    | -    | -     | -  | -                |                  |                  | -                     | -  | -  | - | -  | -  | -  | -  | - | - |
| Cancer - - -                               | 49.1  | 61  | 1         | -    | 1     | 6    | 25   | 27               | 1                |                  | Cut, Stab - - -   | 2.1              | -   | -  | -         | -    | -    | -     | -  | -                |                  |                  | -                     | -  | -  | - | -  | -  | -  | -  | - |   |
| Tabs Mesenterica - -                       | 49.4  | 27  | 19        | 5    | 1     | 1    | 1    | -                | -                |                  | Poison - - -  | 2.1              | 2   | -  | -         | 1    | -    | 1     | -  | -                |                  |                  | 2                     | -  | -  | 1 | -  | 1  | -  | -  | - |   |
| Tubercular Meningitis                      | 33.4  | 26  | 9         | 13   | 3     | 1    | -    | -                | -                |                  | Drowning - - -  | 2.1              | 1   | -  | -         | -    | -    | -     | -  | -                |                  |                  | 1                     | -  | -  | - | -  | -  | -  | -  | - |   |
| Phthisis - - -                             | 163.3   | 114   | 2         | 3    | 16    | 47   | 41   | 5                | -                |                  | Hanging - - -   | 1.0              | 4   | -  | -         | 1    | -    | 2     | 1  | -                |                  |                  | 4                     | -  | -  | 1 | -  | 2  | 1  | -  | - |   |
| Scrofula, Tuberculosis                     | 24.0  | 19  | 9         | 6    | 2     | 1    | 1    | -                | -                |                  | Otherwise - - -   | 0.7              | 1   | -  | -         | -    | 1    | -     | -  | -                |                  |                  | 1                     | -  | -  | - | 1  | -  | -  | -  | - |   |
| Other Constitutional Diseases † - -        | 10.6  | 13  | -         | -    | 1     | -    | 5    | 7                | -                |                  | (EXECUTION.)  |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Premature Birth - - -                      | 36.4  | 23  | 23        | -    | -     | -    | -    | -                | -                |                  | Hanging - - -   | 0.0              | -   | -  | -         | -    | -    | -     | -  | -                |                  |                  | -                     | -  | -  | - | -  | -  | -  | -  | - | - |
| Atelectasis † - - -                        | 3.0   | 3   | 3         | -    | -     | -    | -    | -                | -                |                  | OTHER CAUSES † - -  | 83.9             | 80  | 62   | 7         | -    | 3    | 3     | 4  | 1                |                  |                  | 80                    | 62 | 7  | - | 3  | 3  | 4  | 1  | - |   |
| Congenital Malformations - -               | 7.7   | 4   | 4         | -    | -     | -    | -    | -                | -                |                  |   |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Old Age - - -                              | 39.9  | 32  | -         | -    | -     | -    | -    | 14               | 13               |                  |   |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Apoplexy - - -                             | 43.2  | 43  | -         | 3    | -     | 5    | 16   | 13               | 3                |                  |   |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Epilepsy - - -                             | 8.8   | 11  | -         | 1    | -     | 6    | 3    | -                | 1                |                  |   |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Convulsions - - -                          | 58.3  | 41  | 35        | 6    | -     | -    | -    | -                | -                |                  |   |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |
| Other Diseases of Brain and Nervous System | 89.5  | 71  | 11        | 14   | 6     | 3    | 9    | 22               | 6                |                  |   |                  |   |  |           |      |      |       |    |                  |                  |                  |                       |    |    |   |    |    |    |    |   |   |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.045 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are averaged as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| The DEATHS registered in the Week include                                 |  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                      |
|---|--|--|-------------------------------------|-------------------------------------|---------------------------------|---------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|----------------------|
| REGISTRATION  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                       | Deaths from |          |                |             |                 |         |                                   |                              |            |           | Inquest Cases. | Deaths in Public<br>Institutions. | Unclassified Causes. |
| SUB-DISTRICTS.  |  |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |                |                                   |                      |
| LONDON . . . .  |  | 3,815,704                                    | 2520                                | 1288                                | 359                             | 271                                   | 1           | 26       | 18             | 24          | 32              | -       | 12                                | 1                            | 72         | 56        | 125            | 300                               |                      |
| WEST DISTRICTS . . . .  |  | 669,683                                      | 371                                 | 230                                 | 52                              | 59                                    | -           | 6        | 4              | 6           | 4               | -       | -                                 | -                            | 15         | 14        | 32             | 74                                |                      |
| NORTH DISTRICTS . . . .   |  | 805,947                                      | 607                                 | 261                                 | 75                              | 53                                    | -           | 6        | 7              | 3           | 9               | -       | 6                                 | 1                            | 14         | 9         | 26             | 51                                |                      |
| CENTRAL DISTRICTS . . . .   |  | 282,238                                      | 148                                 | 104                                 | 33                              | 22                                    | -           | 1        | 1              | -           | -               | -       | -                                 | -                            | 5          | 5         | 9              | 34                                |                      |
| EAST DISTRICTS . . . .  |  | 692,738                                      | 514                                 | 271                                 | 83                              | 50                                    | -           | 10       | 3              | 2           | 4               | -       | 2                                 | -                            | 19         | 12        | 26             | 67                                |                      |
| SOUTH DISTRICTS . . . .   |  | 1,263,148                                    | 880                                 | 421                                 | 116                             | 78                                    | -           | 3        | 3              | 13          | 15              | -       | 4                                 | -                            | 19         | 16        | 32             | 70                                |                      |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . |  | -  | -                                   | 1                                   | -                               | -                                     | 1           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 1                                 |                      |
| WEST DISTRICTS.   |  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                      |
| St. Mary Paddington WHH G.J. & W.M.                                       |  | 69888  | 51                                  | 24                                  | 4                               | 8                                     | -           | 2        | -              | 2           | -               | -       | -                                 | -                            | 1          | -         | 2              | 5                                 |                      |
| St. John Paddington H - G.J.  |  | 87390  | 12                                  | 15                                  | 2                               | 4                                     | -           | -        | 2              | 1           | -               | -       | -                                 | -                            | -          | 3         | 4              | 9                                 |                      |
| Kensington Town W - W.M.  |  | 120141                                       | 62                                  | 40                                  | 9                               | 10                                    | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | 3              | 13                                |                      |
| Brompton HH - W.M. & C.   |  | 43010  | 14                                  | 11                                  | 2                               | 3                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | 1         | 1              | 3                                 |                      |
| St. Peter Hammersmith - W.M.  |  | 7899   | 3                                   | 38                                  | 14                              | 9                                     | -           | 2        | -              | -           | 2               | -       | -                                 | -                            | 5          | 1         | 4              | 4                                 |                      |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 47                                  | 25                                  | 9                               | 7                                     | -           | -        | 4              | -           | -               | -       | -                                 | -                            | 2          | 1         | 3              | 7                                 |                      |
| Fulham W - W.M. & C.  |  | 42900  | 54                                  | 38                                  | 14                              | 9                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | 2         | 2              | 2                                 |                      |
| Chelsea South HHH - C.  |  | 30386  | 12                                  | 5                                   | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 2          | 3         | 2              | 9                                 |                      |
| Chelsea North-west WHHHH - C.   |  | 24925  | 13                                  | 15                                  | 1                               | 5                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | 1              | -                                 |                      |
| Chelsea North-east - C.   |  | 32807  | 18                                  | 4                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| May Fair W - G.J.   |  | 30353  | 7                                   | 6                                   | -                               | 4                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | 2              | 2                                 |                      |
| Belgrave WHH - C.   |  | 59220  | 25                                  | 23                                  | 3                               | 4                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | 1          | 4         | 7              | 11                                |                      |
| St. John Westminster HHH - C.   |  | 35496  | 22                                  | 8                                   | 2                               | 2                                     | -           | -        | -              | 1           | -               | -       | -                                 | -                            | 1          | -         | -              | 5                                 |                      |
| St. Margaret Westminster H - C.   |  | 24679  | 12                                  | 8                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| St. James Westminster WHH N.R. & G.J.                                     |  | 29941  | 9                                   | 5                                   | 1                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1              | 2                                 |                      |
| St. Anne Soho HHHHHH - N.R.   |  | 16608  | 10                                  | 3                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 1                                 |                      |
| NORTH DISTRICTS.  |  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                      |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 7                                   | 10                                  | 4                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 2              | 3                                 |                      |
| Cavendish Square HHHH - W.M.  |  | 14391  | 6                                   | 3                                   | 1                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 12                                  | 5                                   | -                               | 3                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 3                                 |                      |
| St. Mary Marylebone HHH G.J. & W.M.                                       |  | 21118  | 26                                  | 2                                   | 1                               | -                                     | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 1                                 |                      |
| Christchurch Marylebone H - W.M.  |  | 33700  | 19                                  | 5                                   | 2                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| St. John Marylebone H - W.M.  |  | 33633  | 12                                  | 5                                   | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Hampstead WWHHHH N.R. & W.M.  |  | 45452  | 36                                  | 18                                  | 7                               | 2                                     | -           | 1        | 2              | -           | 3               | -       | -                                 | -                            | 2          | -         | 1              | 4                                 |                      |
| Regent's Park Pancras H - W.M.  |  | 89115  | 25                                  | 7                                   | 1                               | 2                                     | -           | -        | 1              | -           | 1               | -       | -                                 | -                            | -          | 1         | -              | -                                 |                      |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27229  | 14                                  | 11                                  | 4                               | -                                     | -           | -        | 1              | 1           | -               | -       | 1                                 | -                            | 2          | -         | 3              | 4                                 |                      |
| Gray's Inn Lane HHH - N.R.  |  | 30247  | 20                                  | 11                                  | 3                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 3         | 5              | 5                                 |                      |
| Somers Town H - N.R.  |  | 84369  | 26                                  | 14                                  | 5                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 1                                 |                      |
| Camden Town WH - N.R.   |  | 17811  | 8                                   | 9                                   | 4                               | 1                                     | -           | -        | -              | -           | -               | 1       | -                                 | 2                            | 2          | 4         | 6              | 3                                 |                      |
| Kentish Town W - N.R.   |  | 87487  | 69                                  | 27                                  | 9                               | 7                                     | -           | -        | 1              | -           | -               | -       | -                                 | 1                            | -          | -         | 4              | 3                                 |                      |
| Upper Holloway WWHH - N.R.  |  | 67946  | 60                                  | 26                                  | 8                               | 5                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | 2          | -         | 1              | 7                                 |                      |
| Islington South-west HH - N.R.  |  | 106976                                       | 53                                  | 19                                  | 7                               | 4                                     | -           | 1        | -              | -           | -               | -       | -                                 | 3                            | -          | -         | -              | -                                 |                      |
| Islington South-east - N.R.   |  | 61305  | 36                                  | 18                                  | 6                               | 3                                     | -           | -        | -              | -           | 1               | -       | -                                 | 1                            | 1          | 1         | -              | -                                 |                      |
| Highbury H - N.R.   |  | 52043  | 29                                  | 8                                   | -                               | 2                                     | -           | -        | -              | -           | -               | -       | 1                                 | -                            | -          | -         | -              | 1                                 |                      |
| Stoke Newington H - N.R.  |  | 22731  | 24                                  | 5                                   | 1                               | 2                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Stamford Hill - E.L.  |  | 9277   | 12                                  | 2                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| West Hackney - N.R.   |  | 37610  | 26                                  | 11                                  | 1                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1              | -                                 |                      |
| Hackney WWHH - E.L. & N.R.  |  | 73911  | 57                                  | 36                                  | 6                               | 9                                     | -           | 1        | 3              | -           | 1               | -       | 3                                 | -                            | 1          | -         | 3              | 16                                |                      |
| South Hackney - E.L.  |  | 39933  | 25                                  | 9                                   | 3                               | 1                                     | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | 1         | 1              | -                                 |                      |
| CENTRAL DISTRICTS.  |  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                      |
| St. George Bloomsbury - N.R.  |  | 16681  | 5                                   | 5                                   | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -              | -                                 |                      |
| St. Giles South WH - N.R.   |  | 14854  | 8                                   | 3                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1              | 1                                 |                      |
| St. Giles North - N.R.  |  | 18637  | 6                                   | 4                                   | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -              | -                                 |                      |
| St. Martin-in-the-Fields HH N.R. & C.                                     |  | 17508  | 3                                   | 6                                   | 1                               | 2                                     | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | 3              | 3                                 |                      |
| St. Mary-le-Strand H - N.R.   |  | 7515   | 3                                   | 1                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| St. Clement Danes H - N.R.  |  | 8559   | 6                                   | 8                                   | -                               | 2                                     | -           | -        | 1              | -           | -               | -       | -                                 | -                            | 1          | 1         | 6              | -                                 |                      |
| Strand Union Workhouse, Edmonton w.                                       |  | -  | -                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| St. Geo. the Martyr HHHHHH N.R.   |  | 18671  | 10                                  | 5                                   | 1                               | 3                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 2                                 |                      |
| St. Andrew Eastern W - N.R.   |  | 10708  | 6                                   | 3                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Saffron Hill H - N.R.   |  | 6633   | 3                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| St. James Clerkenwell - N.R.  |  | 17516  | 7                                   | 5                                   | 3                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Amwell Clerkenwell - N.R.   |  | 19281  | 13                                  | 7                                   | 5                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Pentonville - N.R.  |  | 14773  | 9                                   | 4                                   | 3                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -              | -                                 |                      |
| Goosewell-street - N.R.   |  | 17506  | 13                                  | 5                                   | 1                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Old-street H - N.R.   |  | 11541  | 14                                  | 9                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| City-road HHL - N.R.  |  | 18628  | 16                                  | 10                                  | 4                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | 2          | -         | -              | 6                                 |                      |
| Whitecross-street - N.R.  |  | 9217   | 8                                   | 7                                   | 3                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 2              | -                                 |                      |
| Finsbury - N.R.   |  | 7463   | 4                                   | 1                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Holborn Union Workhouse, Mitcham, w.                                      |  | -  | -                                   | 1                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 1                                 |                      |
| St. Botolph H - N.R. & E.L.   |  | 11174  | 9                                   | 6                                   | 3                               | 2                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Cripplegate - N.R.  |  | 7193   | -                                   | 2                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| St. Sepulchre H - N.R.  |  | 5593   | 2                                   | 15                                  | -                               | 4                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | 2              | 15                                |                      |
| St. Bride W - N.R.  |  | 8396   | 3                                   | 1                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Allhallows Barking - N.R.   |  | 13666  | -                                   | 2                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |
| Broad Street H - N.R.   |  | 6652   | -                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |                      |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London and K. the Kent Company.

Smallpox, Diphtheria, Whooping-cough, Fever, Diarrhoea, Violence, &c., registered in each SUB-DISTRICT during the 14th July, 1888.

|                                |             | The DEATHS registered in the Week include |  |  |                                 |                                     |            |          |                |             |                 |         |                                      |                               |            |           |                |                                   |                                 |
|--------------------------------|-------------|---|--|--|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------------|-------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|
| REGISTRATION<br>SUB-DISTRICTS. |             | Enumerated<br>Popu-<br>lation,<br>1881.   | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                      |                               |            |           |                |                                   |                                 |
|                                |             |   |  |  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas<br>(or<br>Typhoid) Fever. | Stomachic<br>continued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| EAST DISTRICTS.                |             |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                      |                               |            |           |                |                                   |                                 |
| Well Shoreditch                | N.R. & E.L. | 7376                                      | 5                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| Donard Shoreditch              | HL*         | 14867                                     | 10                                     | 5                                      | 2                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| on New Town w                  | -           | 26937                                     | 20                                     | 18                                     | 8                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| on Old Town -                  | -           | 28636                                     | 19                                     | 8                                      | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| erston WH                      | -           | 46275                                     | 83                                     | 17                                     | 4                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ney-road H                     | -           | 29738                                     | 29                                     | 7                                      | 4                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| h, Bethnal Green               | WHL*        | 47832                                     | 34                                     | 25                                     | 5                               | 12                                  | -          | 1        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| h, Bethnal Green               | -           | 29881                                     | 16                                     | 6                                      | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| h, Bethnal Green               | -           | 19810                                     | 12                                     | 7                                      | 3                               | -                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| Fields -                       | E.L. & N.R. | 22585                                     | 12                                     | 8                                      | 4                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| End New Town W                 | -           | 16473                                     | 22                                     | 9                                      | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| h, Bethnal Church H            | E.L. & N.R. | 17490                                     | 10                                     | 19                                     | 8                               | 4                                   | -          | -        | 1              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| man's Fields -                 | -           | 9713                                      | 3                                      | 2                                      | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| to -                           | N.R. & E.L. | 6102                                      | 7                                      | 1                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| George's, North                | -           | 28747                                     | 40                                     | 19                                     | 8                               | 2                                   | -          | 1        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| hn, St. George East W          | -           | 8410                                      | 4                                      | 7                                      | 1                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| well HH                        | -           | 10895                                     | 12                                     | 9                                      | 4                               | 1                                   | -          | 2        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| h -                            | -           | 16107                                     | 7                                      | 4                                      | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| house -                        | -           | 32041                                     | 19                                     | 11                                     | 5                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| End Old Town West              | -           | 27960                                     | 34                                     | 10                                     | 4                               | 1                                   | -          | 1        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| End Old Town East WHH          | -           | 67663                                     | 47                                     | 21                                     | 8                               | 5                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ley WHH                        | -           | 37074                                     | 32                                     | 10                                     | -                               | -                                   | -          | 1        | 1              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| r. WHH                         | -           | 64559                                     | 55                                     | 34                                     | 5                               | 8                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| r. WHH                         | -           | 56077                                     | 32                                     | 14                                     | 6                               | 2                                   | -          | 2        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| SOUTH DISTRICTS.               |             |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                      |                               |            |           |                |                                   |                                 |
| Church Southwark WH            | L. & S.     | 36663                                     | 3                                      | 3                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| vious Southwark                | -           | 14999                                     | 6                                      | 2                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| road                           | S. & L.     | 21351                                     | 15                                     | 9                                      | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| gh-road WH                     | -           | 18963                                     | 10                                     | 9                                      | 4                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| on-road HL                     | -           | 21318                                     | 11                                     | 10                                     | 2                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| y Newington                    | -           | 26672                                     | 19                                     | 7                                      | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ry Newington W                 | -           | 59555                                     | 17                                     | 25                                     | 8                               | 8                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ry Newington                   | -           | 21623                                     | 19                                     | 5                                      | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ave WH                         | -           | 11956                                     | 9                                      | 13                                     | -                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| er Market                      | -           | 16800                                     | 7                                      | 6                                      | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ry Magdalen W                  | -           | 15669                                     | 8                                      | 1                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| mes Bermondsey                 | -           | 54683                                     | 38                                     | 13                                     | 5                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| rhite WH                       | -           | 36024                                     | 29                                     | 21                                     | 7                               | 3                                   | -          | -        | -              | 2           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| loo-road 1st H                 | -           | 15195                                     | 12                                     | 8                                      | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| loo-road 2nd H                 | -           | 16821                                     | 23                                     | 12                                     | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| eth Church 1st H               | -           | 10876                                     | 13                                     | 16                                     | 2                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| eth Church 2nd W               | -           | 39859                                     | 37                                     | 23                                     | 7                               | 5                                   | -          | 2        | -              | 3           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ngton 1st                      | -           | 45282                                     | 22                                     | 16                                     | 7                               | 8                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ngton 2nd                      | -           | 55332                                     | 26                                     | 6                                      | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| on w                           | -           | 62837                                     | 40                                     | 11                                     | 2                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ood W.                         | -           | 19017                                     | 7                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| Battersea                      | -           | 54675                                     | 40                                     | 16                                     | 6                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| Battersea WHH                  | -           | 52587                                     | 49                                     | 18                                     | 3                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| am H                           | -           | 36236                                     | 15                                     | 5                                      | 1                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| aworth WHL                     | -           | 23604                                     | 33                                     | 9                                      | 2                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| y -                            | -           | 18235                                     | 9                                      | 2                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ham                            | -           | 25535                                     | 18                                     | 6                                      | -                               | 2                                   | -          | -        | -              | 2           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| h                              | -           | 5590                                      | 2                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| erwell WHL*                    | -           | 49104                                     | 41                                     | 29                                     | 7                               | 10                                  | -          | -        | -              | 1           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| am W                           | -           | 71089                                     | 29                                     | 20                                     | 8                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| orge Camberwell                | -           | 70810                                     | 68                                     | 19                                     | 8                               | 3                                   | -          | -        | -              | 1           | 2               | -       | 1                                    | -                             | -          | -         | -              |                                   |                                 |
| ul Deptford WH                 | -           | 76752                                     | 69                                     | 19                                     | 6                               | 3                                   | -          | 1        | -              | 2           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| hobias Deptford                | -           | 7901                                      | 2                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| wich West H                    | -           | 21972                                     | 12                                     | 6                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| wich East WHH                  | -           | 24605                                     | 20                                     | 6                                      | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| on H                           | -           | 7048                                      | 2                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| H -                            | -           | 21549                                     | 11                                     | 5                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| nam WH                         | -           | 18265                                     | 20                                     | 7                                      | 3                               | 2                                   | -          | -        | -              | 1           | 1               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| nam H                          | -           | 20076                                     | 16                                     | 7                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| on H -                         | -           | 10930                                     | 7                                      | 2                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ish Dockyard                   | -           | 17617                                     | 10                                     | 4                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ish Arsenal HH                 | -           | 13945                                     | 14                                     | 9                                      | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ead, West H                    | -           | 14009                                     | 5                                      | 3                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| ead, East W                    | -           | 15241                                     | 26                                     | 11                                     | 1                               | 1                                   | -          | -        | -              | 3           | 1               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| Solitan Asylum Hospitals:      |             |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                      |                               |            |           |                |                                   |                                 |
| rtford w                       | -           | -   | -                                      | 1                                      | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| inchmore Hill w                | -           | -   | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |
| istow w -                      | -           | -   | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                             | -          | -         | -              |                                   |                                 |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

rylebone Infirmary in Kensington Town sub-district.  
 tral London Sick Asylum in Tottenham Court-road sub-district.  
 buru Infirmary in Upper Holloway sub-district.  
 don City Workhouse in Hackney sub-district.  
 itchapel " in Hoxton New Town sub-district.  
 iton City " in Mile End Old Town Eastern sub-dist.  
 " " in Mile End Old Town Eastern sub-dist.  
 " " in Bromley sub-district.  
 rivate Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.

Poplar & Stepney Sick Asylum in Westminster Union Industrial School in West Battersea sub-district.  
 Strand and Holborn Workhouses outside Registration London.  
 Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 14th July, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.     | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |  |
|---|------------------------------------|--|--|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--|
|   |                                    |  |  |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |  |
|   |                                    |  |  |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |
| LONDON—OUTER RING   |                                    | 370,924  | 950,957                                      | 768     | 275     | 86  | 58                                  | -           | -        | 2              | 13          | 6               | -      | 9          | 4         | 16             | 18                                |  |
| 30: 1   | Carshalton <i>wL</i> -             | 12228  | 21118  | 12      | 6       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 2   | Epsom (part of)* <i>WwH</i> -      | 9971   | 10710  | 10      | 8       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4                                 |  |
| 37: 1   | Godstone (part of)* -              | 2754   | 1235   | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 38: 1   | Croydon <i>WwHHL</i> -             | 20851  | 101241                                       | 73      | 16      | 7   | 2                                   | -           | -        | 1              | -           | -               | -      | 1          | -         | -              | 2                                 |  |
| 2   | Mitcham <i>w†</i> -                | 11697  | 17932  | 12      | 5       | 6   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |  |
| 39: 1   | Wimbledon <i>HHH</i> -             | 8220   | 15950  | 11      | 4       | 3   | -                                   | -           | -        | -              | -           | 1               | -      | 1          | -         | -              | -                                 |  |
| 2   | Kingston <i>WHH</i> -              | 8549   | 36354  | 24      | 10      | 2   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | 1              | 2                                 |  |
| 3   | Esher (part of)* -                 | 6601   | 9221   | 4       | 2       | 1   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 4   | Hampton <i>H</i> -                 | 4573   | 13539  | 8       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 40: 1   | Richmond <i>WH</i> -               | 2972   | 21302  | 6       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Mortlake -                         | 2941   | 12331  | 9       | 8       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 41: 1   | Bromley (pt. of)* <i>HH</i> -      | 15669  | 81142  | 23      | 10      | 2   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | 1         | 1              | -                                 |  |
| 2   | Chislehurst (pt. of)* <i>WHH</i> - | 14307  | 15844  | 11      | 8       | -   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |  |
| 42: 1   | Bexley <i>H</i> -                  | 18487  | 24134  | 15      | 7       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Dartford ( <i>Ww</i> , pts. of)* - | -  | -  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 134: 1  | Sunbury <i>w</i> -                 | 11055  | 11685  | 8       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Staines <i>W</i> -                 | 13277  | 12089  | 12      | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 135: 1  | Hillingdon <i>WHH</i> -            | 6029   | 10802  | 9       | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Uxbridge -                         | 6178   | 3225   | 8       | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Hayes <i>wHL</i> -                 | 14687  | 11523  | 1       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |
| 136: 1  | Isleworth <i>WHH</i> -             | 7003   | 22727  | 19      | 12      | 3   | 6                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 3                                 |  |
| 2   | Twickenham <i>H</i> -              | 2477   | 12479  | 6       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Brentford <i>HL</i> -              | 4545   | 27649  | 18      | 8       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 4   | Chiswick -                         | 1340   | 15075  | 12      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |
| 5   | Acton <i>wH</i> -                  | 6083   | 22376  | 15      | 4       | 4   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |  |
| 137: 1  | Harrow <i>H</i> -                  | 13909  | 12796  | 6       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Edgware <i>H</i> -                 | 6994   | 3749   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Willesden -                        | 4383   | 27453  | 27      | 18      | 8   | 1                                   | -           | -        | -              | 1           | 2               | -      | -          | -         | 3              | -                                 |  |
| 4   | Hendon <i>W</i> -                  | 8382   | 10484  | 7       | 3       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 138: 1  | South Mimms -                      | 15599  | 6391   | 7       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Barnet -                           | 5433   | 10092  | 3       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Finchley <i>HL</i> -               | 4088   | 17615  | 13      | 5       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4                                 |  |
| 139: 1  | Hornsey <i>H</i> -                 | 3039   | 37073  | 29      | 11      | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 4              | -                                 |  |
| 2   | Tottenham <i>H</i> -               | 4642   | 46456  | 64      | 15      | 11  | -                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | 2              | 1                                 |  |
| 3   | Edmonton <i>Ww†</i> -              | 7483   | 32453  | 19      | 6       | -   | 1                                   | -           | -        | 1              | 1           | 1               | -      | -          | -         | -              | -                                 |  |
| 4   | Enfield <i>WH</i> -                | 12653  | 19104  | 0       | 7       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 1                                 |  |
| 5   | Waltham Abbey -                    | 11017  | 5368   | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 6   | Cheshunt -                         | 8480   | 7735   | 6       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 135: 1  | Hatfield (part of)* -              | 2806   | 583  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 137: 1  | Bushey -                           | 9331   | 6621   | 3       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Watford ( <i>W</i> , pt. of)* -    | -  | -  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 186: 1  | Stratford -                        | 882  | 38606  | 26      | 9       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | West Ham <i>wowwH‡</i> -           | 7351   | 101053                                       | 119     | 42      | 15  | 7                                   | -           | -        | -              | 4           | -               | -      | -          | -         | 1              | -                                 |  |
| 3   | Leyton <i>WwL</i> -                | 4372   | 32430  | 20      | 6       | -   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |
| 4   | Walthamstow <i>H</i> -             | 6520   | 25869  | 40      | 13      | 8   | 2                                   | -           | -        | -              | 1           | 1               | -      | 2          | -         | -              | -                                 |  |
| 187: 1  | Chigwell (part of)* <i>H</i> -     | 11761  | 9639   | 7       | 3       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Epping ( <i>W</i> , pt. of)* -     | -  | -  | 6       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 189: 1  | Romford (part of)* <i>W</i> -      | 6730   | 3411   | 1       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Ilford -                           | 8493   | 7643   | 8       | 1       | -   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Barking Town -                     | 4127   | 9203   | 10      | 2       | 1   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Hendley (pop. 1265); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 247); 135: 1, the parish of Norton in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford, 137: 2, Watford, and 187: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 14th July, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |                                   |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Deaths in Public<br>Institutions. |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16                                |  |  |
| WATER LONDON              | 448,334  | 5,527,886                                      | 14.8  | 2.0                                   | 1563                             | 445                                       | 329  | 1           | 26       | 20                | 37          | 38                  | 13     | 81         | 60        | 318                               |  |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 15.7  | 2.3                                   | 1238                             | 359                                       | 271  | 1           | 26       | 18                | 24          | 32                  | 13     | 72         | 56        | 300                               |  |  |
| OUTER RING -              | 370,924  | 1,244,965                                      | 11.5  | 1.3                                   | 275                              | 86  | 58   | -           | -        | 2                 | 13          | 6                   | -      | 9          | 4         | 18                                |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,287,049 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                             |
|----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|--|
| CALCUTTA - -                     | 433,219                               | June 9                      | -                               | 193     | 23.2                               | Fevers 44; cholera 25.                                     |
| BOMBAY - -                       | 773,196                               | " 19                        | 320                             | 459     | 25.3                               | Fevers 138; cholera 10; small-pox 6.                       |
| MADRAS - -                       | 398,777                               | " 1                         | 338                             | 258     | 33.8                               | Fevers 51; cholera 5; diarrhoeal diseases 38.              |
| PARIS - -                        | 2,260,945                             | July 7                      | 1114                            | 843     | 19.4                               | Typh. fev. 23; diph. and croup 24; small-pox 5.            |
| BRUSSELS - - (with 8 Faubourgs.) | 462,060                               | " 7                         | 260                             | 164     | 18.4                               | Measles 3; diarrhoeal diseases 19.                         |
| AMSTERDAM -                      | 390,016                               | " 7                         | 244                             | 140     | 18.6                               | -  |
| ROTTERDAM -                      | 193,658                               | " 7                         | 122                             | 66      | 17.6                               | Diarrhoeal dis. 4.   |
| THE HAGUE -                      | 149,477                               | " 7                         | 100                             | 67      | 23.2                               | Measles 2; whooping-cough 2.                               |
| COPENHAGEN                       | 300,000                               | " 3                         | 184                             | 129     | 22.4                               | Scarlet fever 5; diphtheria 5; wh.-cough 2.                |
| STOCKHOLM -                      | 221,549                               | June 30                     | 140                             | 86      | 20.2                               | Sc. fev. 3; diph. & cp. 3; wh.-cough 4; diar. dis. 16.     |
| CHRISTIANIA -                    | 134,000                               | July 7                      | 84                              | 45      | 17.3                               | Diphtheria and croup 5; whooping-cough 2.                  |
| ST. PETERSBURG                   | 928,016                               | June 30                     | -                               | 604     | 34.0                               | Typh. & typh. fev. 14; meas. 51; s.-px. 3; diar. dis. 100. |
| BERLIN - -                       | 1,413,603                             | " 23                        | 345                             | 545     | 19.8                               | Diph. 13; scar. fever 7; meas. 6; diar. dis. 87.           |
| HAMBURG (State)                  | 529,091                               | " 30                        | 331                             | 317     | 31.3                               | Measles 39; diph. and croup 7; diar. dis. 40.              |
| DRESDEN - -                      | 259,142                               | " 30                        | 175                             | 90      | 18.1                               | Diphtheria and croup 3; measles 2.                         |
| BRESLAU - -                      | 313,451                               | July 7                      | 198                             | 175     | 30.0                               | Diph. 4; diar. dis. 42.                                    |
| MUNICH - -                       | 275,000                               | June 30                     | 198                             | 165     | 31.2                               | Scar. fev. 3; diar. dis. 39.                               |
| VIENNA - -                       | 800,836                               | " 30                        | 514                             | 365     | 23.7                               | Meas. 6; diph. 5; typh. & typh. fev. 5; diar. dis. 39.     |
| PRAGUE - -                       | 295,857                               | " 30                        | -                               | 190     | 35.1                               | Small-pox 11; meas. 14; diphtheria 5.                      |
| BUDA-PESTH -                     | 442,787                               | " 30                        | 307                             | 276     | 32.4                               | Diph. 10; small-pox 2; diarrhoeal dis. 56.                 |
| TRIESTE - -                      | 156,042                               | " 30                        | -                               | 65      | 21.7                               | Small-pox 4.   |
| ROME - -                         | 382,973                               | " 19                        | 187                             | 184     | 25.1                               | Malarial fev. 6; meas. 3; wh.-cough 3.                     |
|                                  |                                       | May 26                      | 169                             | 146     | 19.9                               | Typh. fev. 2; mal. fev. 5; meas. 3.                        |
| TURIN (10 days)                  | 294,826                               | June 20                     | -                               | -       | -                                  | -  |
| VENICE - -                       | 150,502                               | " 30                        | 117                             | 69      | 23.9                               | Diarrhoeal dis. 9.   |
| CAIRO - -                        | 374,338                               | " 21                        | 377                             | 541     | 75.3                               | Meas. 64; typh. fev. 12; diar. dis. 204.                   |
| ALEXANDRIA -                     | 231,396                               | " 21                        | 153                             | 174     | 39.2                               | Typh. fev. 6; diarrhoeal diseases 51.                      |
| NEW YORK -                       | 1,493,000                             | " 23                        | -                               | 801     | 23.0                               | Diph. 45; scar. fever 33; meas. 25; diar. dis. 102.        |
| BROOKLYN -                       | 774,570                               | " 23                        | -                               | 382     | 25.7                               | Diph. 15; scar. fever 11; diarrhoeal diseases 67.          |
| PHILADELPHIA -                   | 1,016,758                             | " 23                        | -                               | 389     | 20.0                               | Typh. fev. 13; diph. 5; sm.-px. 8.                         |
| BALTIMORE -                      | 487,155                               | " 23                        | -                               | 195     | 23.3                               | Typh. fev. 2; diph. 2; infantile cholera 41.               |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 14TH JULY, 1888.

[Under the Superintendence of the Astronomer Royal.]

| 1888.               |              | TEMPERATURE. |            |                   |   | TEMPERATURE.                           |  |               |        | TEMPERATURE.                            |           |          |      | Wind as deduced from Anemometers. |          |          |                   | Rain collected in a Gauge whose surface is 9 square inches above the level of the Ground. |   |   |           |    |    |    |    |
|---------------------|--------------|--------------|------------|-------------------|---|--|--|---------------|--------|---|-----------|----------|------|-----------------------------------|----------|----------|-------------------|---|---|---|-----------|----|----|----|----|
| Phases of the Moon. | Baro- meter. | Of the Air.  |            | Of the Dew Point. | Difference between the Air Temperature and Dew Point Temperature. |  | Degree of saturation (Satu- ration 100). | Of Radiation. |        | Of the Water of the Thames at Deptford. |           | Oster's. |      | Robinson's.                       |          | Ozone.   |                   |   |   |   |           |    |    |    |    |
|                     |              | Low. est.    | High. est. |                   | Mean daily value.   | De- parture daily Average of 30 years. |  | Great- est.   | Least. | High- est in Ray's Grass.               | Low- est. | A.M.     | P.M. | Great- est.                       | Least.   |          | Mean of 24 hours. |   | Horizontal Movement of the Air on each Day. | Vertical Movement of the Air on each Day. | 10 Years. |    |    |    |    |
| JULY.               |              |              |            |                   |   |  |  |               |        |   |           |          |      |                                   |          |          |                   |   |   |   |           |    |    |    |    |
| SUN.                | 1            | 50.2         | 66.6       | 58.1              | 4.1   | 19.5                                   | 1.9                                      | 66            | 130.3  | 45.0                                    | 61.9      | 61.1     | 0.0  | 1.0                               | 137      | in. 0.00 | 2.0               |   |   |   |           |    |    |    |    |
| MON.                | 2            | 49.0         | 69.1       | 59.2              | 3.3   | 16.0                                   | 0.0                                      | 78            | 133.2  | 41.0                                    | 61.0      | 60.9     | 0.0  | 7.3                               | 342      | +108     | 0.0               |   |   |   |           |    |    |    |    |
| TUES.               | 3            | 48.3         | 63.4       | 54.4              | 8.3   | 15.5                                   | 3.4                                      | 70            | 106.7  | 43.9                                    | 61.0      | 59.6     | 0.0  | 5.4                               | 316      | + 84     | 0.0               |   |   |   |           |    |    |    |    |
| WED.                | 4            | 42.8         | 54.9       | 48.0              | 14.9  | 9.6                                    | 2.0                                      | 83            | 89.0   | 42.8                                    | 60.2      | 60.1     | 0.0  | 10.0                              | 474      | +244     | 0.0               |   |   |   |           |    |    |    |    |
| THURS.              | 5            | 47.1         | 53.9       | 49.7              | 13.4  | 2.3                                    | 5.0                                      | 92            | 73.1   | 40.9                                    | 59.7      | 59.0     | 0.0  | 2.1                               | 229      | 0        | 0.0               |   |   |   |           |    |    |    |    |
| FRI.                | 6            | 45.1         | 59.0       | 59.0              | 4.3   | 11.7                                   | 0.4                                      | 65            | 127.2  | 39.0                                    | 59.0      | 58.8     | 0.0  | 2.3                               | 256      | + 27     | 0.0               |   |   |   |           |    |    |    |    |
| SAT.                | 7            | 55.1         | 73.4       | 62.4              | 1.0   | 5.2                                    | 15.6                                     | 83            | 128.7  | 47.7                                    | 60.0      | 59.9     | 0.0  | 0.9                               | 126      | -103     | 0.0               |   |   |   |           |    |    |    |    |
| MEANS               |              | 48.2         | 64.7       | 55.8              | 7.0   | 7.4                                    | 1.2                                      | 77            | 113.3  | 42.9                                    | 60.4      | 59.9     | 0.0  | ..                                | Sum 1880 | Sum +260 | 0.3               |   |   |   |           |    |    |    |    |
| No. of Col.         | 3            | 4            | 5          | 6                 | 7   | 8                                      | 9  | 10            | 11     | 12                                      | 13        | 14       | 15   | 16                                | 17       | 18       | 19                | 20  | 21  | 22  | 23        | 24 | 25 | 26 | 27 |

DATE. JULY.

ELECTRICITY. (For explanation of symbols, see Note.)

Registered Sun above Sunshine, Horizon, in hours.

## GENERAL REMARKS.

SUNDAY 8 w. P. throughout . 5.8 16.3

MONDAY 9 w. P. in morning; v. P. afterwards, . 5.6 16.3

TUESDAY 10 in P. till 9h. A.M.; v. P. afterwards, . 1.4 16.3

WEDNESDAY 11 s. N. and v. P. . 0.3 16.2

THURSDAY 12 w. P. and v. N. in morning; no record during the remainder of the day. . 0.0 16.2

FRIDAY 13 No record. Instruments away for examination. . 9.6 16.2

SATURDAY 14 . 0.5 16.1

Sum 28.2 Sum 112.9

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1873.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.58 in. at the beginning of the week to 29.90 in.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 29. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, JULY 21. [Price 1½d.

General Register Office, Somerset House,  
23rd July, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·0 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |         |          |          | TOWNS.             | Weeks ending |         |          |          |
|--------------|--------------|---------|----------|----------|--------------------|--------------|---------|----------|----------|
|              | June 30.     | July 7. | July 14. | July 21. |                    | June 30.     | July 7. | July 14. | July 21. |
| Birkenhead   | 17·2         | 11·5    | 13·6     | 13·6     | Liverpool -        | 16·1         | 15·8    | 16·8     | 15·3     |
| Birmingham   | 14·2         | 15·4    | 14·8     | 16·1     | London -           | 15·1         | 14·8    | 15·7     | 15·8     |
| Blackburn -  | 14·5         | 13·6    | 11·4     | 13·2     | Manchester -       | 21·2         | 21·0    | 23·7     | 21·1     |
| Bolton -     | 20·7         | 18·9    | 28·5     | 18·9     | Newcastle-on-Tyne* | 15·8         | 20·3    | 15·1     | 14·4     |
| Bradford* -  | 15·0         | 13·4    | 16·1     | 16·1     | Norwich -          | 15·0         | 17·8    | 15·0     | 15·6     |
| Brighton -   | 10·4         | 9·1     | 11·7     | 12·2     | Nottingham*        | 15·1         | 9·9     | 13·3     | 12·7     |
| Bristol -    | 13·8         | 12·9    | 10·6     | 16·4     | Oldham -           | 15·9         | 17·4    | 17·7     | 18·9     |
| Cardiff*     | 15·9         | 13·9    | 14·9     | 13·5     | Plymouth -         | 20·1         | 17·5    | 12·8     | 14·8     |
| Derby -      | 15·2         | 19·0    | 14·1     | 13·0     | Portsmouth -       | 15·3         | 12·7    | 13·8     | 16·1     |
| Halifax -    | 20·2         | 12·4    | 18·2     | 16·3     | Preston -          | 27·8         | 22·2    | 15·7     | 20·2     |
| Huddersfield | 12·6         | 12·0    | 11·4     | 14·3     | Salford*           | 26·0         | 15·9    | 14·3     | 19·4     |
| Hull -       | 14·7         | 13·7    | 12·4     | 12·9     | Sheffield -        | 17·0         | 14·3    | 13·1     | 15·9     |
| Leeds -      | 15·3         | 15·3    | 17·5     | 18·9     | Sunderland -       | 13·4         | 18·2    | 19·0     | 14·2     |
| Leicester* - | 15·3         | 11·4    | 15·6     | 14·9     | Wolverhampton -    | 16·0         | 12·8    | 16·0     | 19·8     |

The highest annual death-rates, measured by last week's mortality, were :—from *measles*, 1·1 in Bradford; from *scarlet fever*, 1·3 in Blackburn; from *whooping-cough*, 1·1 in Derby, 1·3 in Wolverhampton, and 2·6 in Halifax; from "*fever*," 1·9 in Cardiff; and from *diarrhœa*, 1·0 in Newcastle-upon-Tyne and 1·1 in Portsmouth. The 23 deaths from *diphtheria* in these towns included 15 in London, and 3 in Manchester. *Small-pox* caused one death in London, one in Bristol, one in Preston, 2 in Sheffield, and one in Hull, but not one in any of the twenty-three other great towns.

## LONDON.

In LONDON† 2385 BIRTHS and 1297 DEATHS were registered. Allowing for increase of population, the births were 374, and the deaths 539, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had slowly increased in the five preceding weeks from 14·2 to 15·7, further rose last week to 15·8. During the first three weeks of the current quarter the death-rate averaged 15·4 per 1,000, and was 5·7 below the mean rate in the corresponding periods of the ten years 1878-87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1297 deaths included 1 from small-pox, 25 from measles, 14 from scarlet fever, 15 from diphtheria, 33 from whooping-cough, 8 from enteric fever, 62 from diarrhœa and dysentery, 2 from choleraic diarrhœa, and not one either from typhus or ill-defined forms of continued fever; thus, 160 deaths were referred to these diseases, being 388 below the corrected average weekly number.

One death from *small-pox* was registered, the corrected average being 11; this death occurred in the Hospital Ship in the Thames, off Dartford, and was of the daughter of a prison warder, admitted from Wandsworth. There were only 2 patients under treatment for this disease in the Metropolitan Asylum Hospitals, and not any in the Highgate Small-pox Hospital, on Saturday last. The deaths from *measles*, which had increased in the four preceding weeks from 18 to 26, were last week 25, and were 31 below the corrected average; 5 belonged to Clerkenwell, 3 to Paddington, and 3 to Hampstead sanitary areas. The 14 fatal cases of *scarlet fever* showed a decline of 4 from the number in the previous week, and were 18 below the corrected average; 3 belonged to Shoreditch, 2 to Bethnal Green, and 2 to Poplar sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 889 scarlet fever patients, against 924, 897, and 890 on the three preceding Saturdays; 105 cases were admitted during the week, against 81 and 103 in the two previous weeks. The deaths from *diphtheria*, which had been 29 and 24 in the two preceding weeks, further declined last week to 15, and were one below the corrected average; 4 belonged to Pancras, and 2 to Wandsworth sanitary areas. The fatal cases of *whooping-cough* rose to 33, from 27, 31, and 32 in the three previous weeks, but were 28 below the corrected average; 7 belonged to Pancras sanitary area. The deaths attributed to *diarrhœa* and *dysentery*, which had steadily increased in the five preceding weeks from 16 to 72, declined last week to 62, and were 284 below the corrected average; 46 were of infants under one year of age. The 2 deaths referred to choleraic diarrhœa were also of infants under one year of age.

The deaths from *enteric fever*, which had been 7 and 12 in the two preceding weeks, declined again last week to 8, and were 3 below the corrected average; 2 belonged to Hackney, and 2 to Poplar sanitary areas. The Metropolitan Asylum Hospitals contained 81 cases of enteric fever, but not one of typhus, on Saturday last; 9 cases of enteric fever were admitted during the week, against 5 in the previous week.

The deaths referred to diseases of the respiratory organs, which had been 176 and 164 in the two preceding weeks, were last week 166, and 25 below the corrected average.

Different forms of violence caused 54 deaths; 49 were the result of negligence or accident, among which were 13 from fractures and contusions, 5 from burns and scalds, 10 from drowning, 3 from poison, and 11 of infants under one year of age from suffocation. The 13 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in streets; 1 by accident on railway; 1 by fall from loft; 2 by fall from bed; 1 by injury from lift; and 2 by blow on head. An inquest was held in each of these 13 cases. The death of a child, aged 3 years, was referred to circumcision. Five cases of suicide were registered, the corrected average being 9.

#### GREATER LONDON.

In Greater London 3127 births and 1589 deaths were registered, corresponding to annual rates of 29·5 and 15·0 per 1000 of the estimated population. In the Outer Ring 11 deaths were referred to whooping-cough, 10 to diarrhœa, and 7 to diphtheria. The fatal cases of diphtheria included 3 in Croydon and 2 in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·53 in.; the lowest reading was 29·26 in. on Monday afternoon, and the highest was 29·76 in. at noon on Friday. The mean temperature of the *air* was 59°·4, and 4°·5 below the average in the corresponding weeks of the 20 years ending 1868. The mean temperature was below the average on each day of the week, the deficiency declining, however, from 7°·8 on Sunday, to 1°·8 on Saturday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 8·3 miles per hour, which was 1·3 miles below the average in the corresponding weeks of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 1·61 inches. The duration of registered bright sunshine in the week was 11·8 hours, against 10·7 hours at Glynde Place, Lewes.





TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the TWENTY-NINTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2361 | 2498 | 2595 | 2451 | 2453 | 2559 | 2669 | 2423 | 2572 | 2724 | 2758.7   | 2925 |
| Males . .           | 1210 | 1251 | 1303 | 1223 | 1238 | 1316 | 1370 | 1297 | 1338 | 1401 | 1417.3   | 1242 |
| Females . .         | 1154 | 1237 | 1292 | 1228 | 1165 | 1243 | 1299 | 1126 | 1234 | 1323 | 1341.4   | 1143 |
| <b>TOTAL Deaths</b> | 1787 | 1190 | 1482 | 1943 | 1321 | 1781 | 2007 | 1636 | 1716 | 1977 | 1836.3   | 1297 |
| Males . .           | 913  | 608  | 799  | 1014 | 676  | 936  | 1025 | 849  | 895  | 1050 | 952.5  | 681  |
| Females . .         | 874  | 582  | 683  | 929  | 645  | 875  | 982  | 787  | 821  | 927  | 883.8  | 616  |

\* The numbers in this column are the average weekly numbers in the twenty-ninth weeks of the ten years 1878-87 raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Apr.<br>28. | May<br>5. | May<br>12. | May<br>19. | May<br>26. | June<br>2. | June<br>9. | June<br>16. | June<br>23. | June<br>30. | July<br>7. | July<br>14. | July<br>21. |
|--|-------------|-----------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|-------------|-------------|
| <b>TOTAL Births</b>                      | -           | -         | 2577       | 2650       | 2574       | 2364       | 2278       | 2491        | 2430        | 2399        | 2534       | 2289        | 2345        |
| <b>TOTAL Deaths</b>                      | -           | -         | 1437       | 1429       | 1360       | 1469       | 1361       | 1323        | 1219        | 1167        | 1190       | 1238        | 1211        |
| 0-20                                     | -           | -         | 628        | 643        | 615        | 637        | 608        | 581         | 527         | 503         | 536        | 562         | 576         |
| 20-40                                    | -           | -         | 177        | 187        | 186        | 212        | 180        | 178         | 156         | 176         | 149        | 171         | 172         |
| 40-60                                    | -           | -         | 277        | 243        | 233        | 272        | 256        | 266         | 248         | 208         | 226        | 213         | 208         |
| 60-80                                    | -           | -         | 302        | 277        | 255        | 276        | 268        | 255         | 245         | 234         | 242        | 241         | 205         |
| at 80 years & upwds.                     | -           | -         | 53         | 79         | 66         | 72         | 49         | 43          | 43          | 46          | 37         | 51          | 50          |
| Deaths of children                       | -           | -         | 329        | 324        | 319        | 296        | 322        | 288         | 264         | 251         | 281        | 297         | 302         |
| Under 1 year                             | -           | -         | 209        | 225        | 190        | 254        | 204        | 184         | 176         | 163         | 155        | 178         | 203         |
| 1-5                                      | -           | -         | 90         | 94         | 106        | 87         | 82         | 109         | 87          | 89          | 100        | 87          | 71          |
| 5-20                                     | -           | -         | -          | -          | -          | -          | -          | -           | -           | -           | -          | -           | -           |
| Deaths from Small-pox                    | -           | -         | 1          | -          | -          | -          | -          | -           | -           | -           | -          | -           | 1           |
| " " Measles                              | -           | -         | 16         | 14         | 22         | 18         | 23         | 24          | 25          | 21          | 18         | 30          | 23          |
| " " Scarlet fever                        | -           | -         | 15         | 23         | 19         | 13         | 17         | 19          | 23          | 19          | 10         | 19          | 10          |
| " " Diphtheria                           | -           | -         | 22         | 15         | 15         | 29         | 19         | 26          | 22          | 18          | 15         | 28          | 29          |
| " " Whooping-cough                       | -           | -         | 80         | 87         | 52         | 64         | 64         | 37          | 33          | 34          | 33         | 27          | 31          |
| " " Typhus                               | -           | -         | -          | 1          | -          | -          | -          | -           | -           | -           | -          | -           | -           |
| " " Enteric fever                        | -           | -         | 7          | 11         | 9          | 12         | 10         | 9           | 8           | 8           | 15         | 10          | 7           |
| " " Simple Cont'd fever                  | -           | -         | -          | -          | 1          | -          | 3          | -           | 1           | 1           | -          | -           | 2           |
| " " Diarrhoea and Dysentery              | -           | -         | 17         | 19         | 14         | 15         | 9          | 19          | 18          | 16          | 18         | 36          | 51          |
| " " Cholera                              | -           | -         | -          | -          | 1          | -          | 2          | 1           | -           | -           | -          | 2           | 3           |
| Deaths from the above-mentioned Diseases | -           | -         | 158        | 176        | 133        | 151        | 147        | 135         | 130         | 117         | 109        | 142         | 156         |
| " " Dis. of Respiratory System           | -           | -         | 343        | 287        | 260        | 296        | 228        | 237         | 185         | 213         | 184        | 156         | 176         |
| " " Phthisis                             | -           | -         | 146        | 135        | 134        | 176        | 151        | 157         | 135         | 119         | 133        | 117         | 114         |
| " " Dis. of Circulatory System           | -           | -         | 87         | 122        | 119        | 105        | 119        | 109         | 101         | 89          | 95         | 101         | 96          |
| Violent Deaths                           | -           | -         | 56         | 29         | 51         | 63         | 65         | 73          | 51          | 71          | 63         | 64          | 65          |
| Inquest Cases                            | -           | -         | 110        | 101        | 106        | 113        | 108        | 111         | 90          | 103         | 105        | 111         | 107         |
| Deaths in Public Institutions            | -           | -         | 352        | 332        | 305        | 370        | 345        | 326         | 275         | 312         | 280        | 302         | 285         |
| TEMPERATURE OF THE AIR                   | -           | -         | 45.7       | 49.0       | 52.3       | 55.9       | 54.0       | 55.8        | 58.9        | 57.1        | 54.2       | 61.9        | 56.4        |
| Mean                                     | -           | -         | 51.4       | 58.9       | 64.1       | 68.0       | 66.0       | 69.1        | 71.0        | 69.5        | 61.8       | 72.3        | 65.3        |
| Mean of Highest readings                 | -           | -         | 37.8       | 40.2       | 41.2       | 45.6       | 43.2       | 44.3        | 49.8        | 47.8        | 48.1       | 54.3        | 50.8        |
| Mean of Lowest readings                  | -           | -         | 86         | 68         | 69         | 69         | 68         | 69          | 77          | 72          | 86         | 83          | 87          |
| Humidity of the Air                      | -           | -         | 0.67       | 0.16       | 0.00       | 0.32       | 0.00       | 0.16        | 0.17        | 0.54        | 0.27       | 2.37        | 0.90        |
| Rain-fall in inches                      | -           | -         | 8.0        | 43.2       | 51.0       | 39.4       | 62.3       | 43.8        | 21.2        | 51.7        | 17.7       | 29.9        | 18.5        |
| Registered Sunshine (in hours)           | -           | -         | -          | -          | -          | -          | -          | -           | -           | -           | -          | -           | -           |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., J.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the TWENTY-NINTH Week of the Year 1888.

| CAUSES OF DEATH.   |  | Corrected Averages for the 29th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 21st July 1888. |           |      |       |                  |                  |                  |                       |           |  | CAUSES OF DEATH. |  | Corrected Averages for the 29th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 21st July 1888. |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
|--|--|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|-----------|--|------------------|--|---|--|------------------|------------------|-----------------------|------|-------|----|--------------------------------------|---|--|------|------|----|----|----|----|----|----|----|---|
|  |  |   | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |                       |           |  |                  |  |   | Deaths of Persons of the Ages                |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
|  |  |   | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | ALL AGES. | Under 20.                                  |                  |  |   | 20 and under 40.                             | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
|  |  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |           | 0-1.                                       |                  |  |   |  |                  |                  |                       | 1-5. | 5-20. |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| ALL CAUSES -   |  |   | 1836.3                                       | 1297      | 384  | 177   | 75               | 168              | 242              | 202                   | 49        | Diseases of Organs of Special Sense † - -  |                  |  | 2.6   | 1  | -                | -                | -                     | -    | 1     | -  | Diseases of Circulatory System - - - |   |  | 89.3 | 118  | 2  | 2  | 8  | 24 | 33 | 42 | 7  |   |
| Small-pox { Vaccinated † - -<br>Unvaccinated - - -<br>No Statement - - - |  |   | 11.3   | 1         | -    | -     | -                | 1                | -                | -                     | -         | Croup - - -                                |                  |  | 11.1  | 6  | -                | 0                | -                     | -    | -     | -  | -                                    | Bronchitis - - -  |  |      | 95.2 | 84 | 30 | 17 | 3  | 1  | 13 | 15 | 5 |
| Measles - - -  |  |   | 55.9   | 25        | 4    | 19    | 2                | -                | -                | -                     | -         | Pneumonia - - -                            |                  |  | 53.8  | 49   | 16               | 15               | -                     | 4    | 10    | 8  | 1                                    | Pleurisy - - -  |  |      | 5.1  | 7  | 1  | 2  | -  | 3  | 1  | -  |   |
| Scarlet Fever - - -  |  |   | 32.4   | 14        | 1    | 5     | 7                | 1                | -                | -                     | -         | Other Diseases of Respiratory System - - - |                  |  | 20.8  | 20   | 2                | 3                | 2                     | 1    | 7     | 4  | 1                                    | Dentition † - -   |  |      | 15.7 | 9  | -  | 4  | 5  | -  | -  | -  |   |
| Typhus - - -   |  |   | 1.4  | -         | -    | -     | -                | -                | -                | -                     | -         | Quinsy, Sore Throat † - -                  |                  |  | 1.2   | 2  | -                | 2                | -                     | -    | -     | -  | -                                    | Enteritis - - -   |  |      | 17.0 | 17 | 9  | 1  | 1  | 3  | 2  | 1  | - |
| Relapsing Fever † - -  |  |   | 0.0  | -         | -    | -     | -                | -                | -                | -                     | -         | Peritonitis - - -                          |                  |  | 6.7   | 13   | 4                | -                | 2                     | 4    | -     | 2  | 1                                    | Diseases of Liver - - -                                 |  |      | 37.8 | 32 | 3  | -  | -  | 5  | 15 | 8  | 1 |
| Influenza - - -  |  |   | 0.0  | -         | -    | -     | -                | -                | -                | -                     | -         | Other Diseases of Digestive System - - -   |                  |  | 33.9  | 20   | 5                | 2                | 2                     | -    | 8     | 3  | -                                    | Diseases of Lymphatic System & of Ductless Glands † - - |  |      | 1.8  | 1  | -  | -  | -  | -  | 1  | -  |   |
| Whooping-cough - -   |  |   | 61.2   | 33        | 20   | 13    | -                | -                | -                | -                     | -         | Diseases of Urinary System - - -           |                  |  | 31.7  | 26   | -                | -                | 3                     | 2    | 11    | 10 | -                                    | Diseases of Generative System - - -                     |  |      | 7.3  | 6  | 1  | -  | -  | 1  | 2  | 2  | - |
| Diphtheria - - -   |  |   | 15.9   | 16        | 2    | 10    | 3                | -                | -                | -                     | -         | Accidents of Childbirth - -                |                  |  | 3.6   | 2  | -                | -                | 1                     | 1    | -     | -  | -                                    | Diseases of Locomotive System † - - -                   |  |      | 7.0  | 5  | -  | -  | 1  | 1  | 2  | 1  | - |
| Simple Continued and Ill-defined Fever - -                               |  |   | 1.4  | -         | -    | -     | -                | -                | -                | -                     | -         | Diseases of Integumentary System - - -     |                  |  | 6.4   | 8  | 3                | -                | -                     | -    | 1     | 3  | 1                                    | VIOLENT DEATHS. ‡                                       |  |      |      |    |    |    |    |    |    |    |   |
| Enteric Fever - - -  |  |   | 11.2   | 8         | -    | -     | 1                | 4                | 2                | 1                     | -         | ACCIDENT.)                                 |                  |  |   |  |                  |                  |                       |      |       |    |                                      | Fracture and Contusion - -                              |  |      | 19.6 | 13 | 2  | 3  | 2  | 4  | 2  | -  | - |
| Cholera - - -  |  |   | 12.2   | 2         | 2    | -     | -                | -                | -                | -                     | -         | Gunshot Wound - - -                        |                  |  | 0.2   | -  | -                | -                | -                     | -    | -     | -  | -                                    | Cut. Stab - - -   |  |      | 0.4  | 1  | -  | -  | -  | 1  | -  | -  | - |
| Diarrhoea, Dysentery -   |  |   | 815.5  | 62        | 46   | 7     | 1                | -                | 2                | 5                     | 1         | Burn and Scald - - -                       |                  |  | 2.7   | 5  | -                | 3                | 1                     | 1    | -     | -  | -                                    | Poison - - -  |  |      | 1.9  | 3  | -  | 2  | -  | 1  | -  | -  | - |
| Remittent Fever † - -  |  |   | 0.0  | -         | -    | -     | -                | -                | -                | -                     | -         | Drowning - - -                             |                  |  | 11.1  | 10   | -                | -                | 2                     | 6    | 2     | -  | -                                    | Suffocation - - -                                       |  |      | 9.5  | 13 | 11 | 1  | -  | -  | 1  | -  | - |
| Hydrophobia - - -  |  |   | 0.4  | -         | -    | -     | -                | -                | -                | -                     | -         | Otherwise - - -                            |                  |  | 8.9   | 4  | 1                | 1                | 2                     | -    | -     | -  | -                                    | (HOMICIDE.)   |  |      |      |    |    |    |    |    |    |    |   |
| Glanders - - -   |  |   | 0.2  | -         | -    | -     | -                | -                | -                | -                     | -         | Murder & Manslaughter - -                  |                  |  | 1.1   | -  | -                | -                | -                     | -    | -     | -  | -                                    | (SUICIDE.)  |  |      |      |    |    |    |    |    |    |    |   |
| Cowpox and Effects of Vaccination † - - -                                |  |   | 0.5  | -         | -    | -     | -                | -                | -                | -                     | -         | Gunshot Wound - - -                        |                  |  | 0.8   | -  | -                | -                | -                     | -    | -     | -  | -                                    | Cut. Stab - - -   |  |      | 1.9  | 1  | -  | -  | -  | -  | 1  | -  | - |
| Venerical Affections -   |  |   | 16.1   | 12        | 9    | 1     | 1                | -                | 1                | -                     | -         | Poison - - -                               |                  |  | 1.4   | 1  | -                | -                | -                     | -    | 1     | -  | -                                    | Drowning - - -  |  |      | 2.1  | 1  | -  | -  | -  | -  | 1  | -  | - |
| Erysipelas - - -   |  |   | 5.1  | 2         | -    | -     | 1                | -                | 1                | -                     | -         | Hanging - - -                              |                  |  | 1.7   | 1  | -                | -                | -                     | -    | -     | -  | -                                    | Otherwise - - -   |  |      | 0.9  | 1  | -  | -  | -  | -  | -  | -  | - |
| Pyæmia and Septicæmia †  |  |   | 3.5  | 2         | -    | -     | -                | -                | 1                | 1                     | -         | (EXECUTION.)                               |                  |  |   |  |                  |                  |                       |      |       |    |                                      | Hanging - - -   |  |      | 0.0  | -  | -  | -  | -  | -  | -  | -  | - |
| Puerperal Fever - - -  |  |   | 3.1  | 1         | -    | -     | 1                | -                | -                | -                     | -         | OTHER CAUSES † - -                         |                  |  | 89.3  | 65   | 55               | 4                | 1                     | 1    | 2     | 2  | -                                    |   |  |      |      |    |    |    |    |    |    |    |   |
| Other Zymotic Diseases †   |  |   | 2.8  | 1         | -    | 1     | -                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Thrush - - -   |  |   | 5.4  | 5         | 5    | -     | -                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Worms and other Parasitical Diseases - - -                               |  |   | 0.5  | -         | -    | -     | -                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Starvation, Want of Breast-milk † - - -                                  |  |   | 2.6  | 2         | 2    | -     | -                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Alcoholism - - -   |  |   | 3.8  | 7         | -    | -     | -                | 4                | 2                | 1                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Rheumatic Fever, Rheumatism of Heart †                                   |  |   | 5.6  | 2         | -    | -     | 1                | -                | -                | 1                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Rheumatism † - - -   |  |   | 2.3  | 2         | -    | -     | -                | -                | -                | 2                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Gout - - -   |  |   | 4.1  | 1         | -    | -     | -                | -                | 1                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Eickets † - - -  |  |   | 4.1  | 3         | 3    | -     | -                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Cancer - - -   |  |   | 53.7   | 60        | -    | -     | -                | 7                | 26               | 23                    | 4         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Tabs Mesenterica - -   |  |   | 40.9   | 21        | 13   | 7     | 1                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Tubercular Meningitis -  |  |   | 35.0   | 31        | 11   | 11    | 9                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Phthisis - - -   |  |   | 159.9  | 141       | 2    | 1     | 9                | 67               | 52               | 10                    | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Scrofula, Tuberculosis -   |  |   | 22.8   | 23        | 11   | 7     | 2                | 4                | 3                | 1                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Other Constitutional Diseases † - - -                                    |  |   | 9.7  | 5         | -    | -     | 1                | 3                | -                | 1                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Premature Birth - - -  |  |   | 36.1   | 46        | 43   | -     | -                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Atelectasis † - - -  |  |   | 2.6  | 3         | 3    | -     | -                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Conceitral Malformations - - -   |  |   | 6.0  | 3         | 1    | 1     | -                | 1                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Old Age - - -  |  |   | 40.4   | 37        | -    | -     | -                | -                | 2                | 15                    | 20        |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Apoplexy - - -   |  |   | 38.0   | 39        | 1    | -     | 1                | 1                | 17               | 17                    | 2         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Epilepsy - - -   |  |   | 7.0  | -         | -    | -     | -                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Convulsions - - -  |  |   | 62.3   | 50        | 41   | 8     | 1                | -                | -                | -                     | -         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |
| Other Diseases of Brain and Nervous System †                             |  |   | 88.6   | 88        | 12   | 17    | 3                | 10               | 15               | 26                    | 5         |  |                  |  |   |  |                  |                  |                       |      |       |    |                                      |   |  |      |      |    |    |    |    |    |    |    |   |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.048 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 3. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET, during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     | Deaths in Public<br>Institutions. | Un-<br>certified Causes. |
|---|--|--|-------------------------------------|-------------------------------------|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----|-----------------------------------|--------------------------|
|   |  |  |                                     |                                     | Deaths of                                 |                                    | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |                          |
|   |  |  |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Euteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |     |                                   |                          |
| LONDON - - - -  |  | 3,815,704                                    | 2385                                | 1297                                | 384                                       | 251                                | 1           | 25       | 14             | 15          | 33              | -       | 8                              | -                            | 62         | 54        | 104            | 314 |                                   |                          |
| WEST DISTRICTS - - - -  |  | 668,738                                      | 390                                 | 230                                 | 52  | 64                                 | -           | 6        | 2              | 3           | 2               | -       | -                              | -                            | 9          | 6         | 21             | 26  |                                   |                          |
| NORTH DISTRICTS - - - -   |  | 905,947                                      | 509                                 | 280                                 | 87  | 64                                 | -           | 5        | 10             | 4           | 12              | -       | 8                              | -                            | 12         | 12        | 22             | 73  |                                   |                          |
| CENTRAL DISTRICTS - - - -   |  | 282,238                                      | 137                                 | 98                                  | 34  | 19                                 | -           | 6        | -              | 3           | 3               | -       | -                              | -                            | 9          | 3         | 6              | 23  |                                   |                          |
| EAST DISTRICTS - - - -  |  | 692,738                                      | 457                                 | 278                                 | 86  | 37                                 | -           | 5        | -              | 2           | 6               | -       | 2                              | -                            | 15         | 19        | 31             | 70  |                                   |                          |
| SOUTH DISTRICTS - - - -   |  | 1,365,148                                    | 892                                 | 409                                 | 125                                       | 67                                 | -           | 3        | 1              | 3           | 10              | -       | 1                              | -                            | 17         | 14        | 24             | 85  |                                   |                          |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON - - - - |  | -  | -                                   | 2                                   | -   | -                                  | 1           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   |                                   |                          |
| WEST DISTRICTS.   |  |  |                                     |                                     |   |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |                          |
| St. Mary Paddington WHH G.J. & W.M.                                       |  | 69988  | 48                                  | 23                                  | 3   | 6                                  | -           | 3        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | -              | 4   |                                   |                          |
| St. John Paddington H - - G.J.  |  | 37380  | 16                                  | 9                                   | 1   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 5   |                                   |                          |
| Kensington Town Ww - - W.M.   |  | 120141                                       | 54                                  | 39                                  | 5   | 11                                 | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 10  |                                   |                          |
| Brompton HH - - W.M. & C.   |  | 48010  | 16                                  | 17                                  | 3   | 7                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | 8   |                                   |                          |
| St. Peter Hammersmith - - W.M.  |  | 7899   | 3                                   | 1                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 58                                  | 32                                  | 8   | 9                                  | -           | 2        | -              | -           | -               | -       | -                              | -                            | 4          | -         | 2              | -   |                                   |                          |
| Fulham Ww - - W.M. & C.   |  | 42900  | 45                                  | 21                                  | 8   | 4                                  | -           | -        | 1              | -           | 1               | -       | -                              | -                            | 1          | -         | 3              | 6   |                                   |                          |
| Chelsea South HHH - - C.  |  | 80396  | 9                                   | 8                                   | 3   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | -   |                                   |                          |
| Chelsea North-west WHHHHH C.  |  | 24925  | 30                                  | 13                                  | 2   | 5                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 8   |                                   |                          |
| Chelsea North-east - - C.   |  | 32807  | 28                                  | 9                                   | 3   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -   |                                   |                          |
| May Fair WW - - G.J.  |  | 80353  | 8                                   | 11                                  | 1   | 4                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 6   |                                   |                          |
| Belgrave WWWW - - C.  |  | 59220  | 25                                  | 21                                  | 6   | 7                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -              | 2   |                                   |                          |
| St. John Westminster HHH - C.   |  | 35496  | 21                                  | 8                                   | 6   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 3   |                                   |                          |
| St. Margaret Westminster H - C.   |  | 24679  | 11                                  | 8                                   | 2   | -                                  | -           | -        | 1              | 1           | -               | -       | -                              | -                            | 1          | 1         | 1              | 5   |                                   |                          |
| St. James Westminster WHH N.R. & G.J.                                     |  | 29941  | 10                                  | 6                                   | 1   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4   |                                   |                          |
| St. Anne Soho HHHHHHH - N.R.  |  | 16608  | 8                                   | 4                                   | -   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   |                                   |                          |
| NORTH DISTRICTS.  |  |  |                                     |                                     |   |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |                          |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 10                                  | 9                                   | -   | 2                                  | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | 2         | 2              | 6   |                                   |                          |
| Cavendish Square HHHH - W.M.  |  | 14391  | 9                                   | 2                                   | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Rectory Marylebone WH G.J. & W.M.   |  | 24909  | 9                                   | 7                                   | 3   | 1                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 2   |                                   |                          |
| St. Mary Marylebone HHH G.J. & W.M.                                       |  | 21118  | 22                                  | 2                                   | 1   | -                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Christchurch Marylebone H - W.M.  |  | 33700  | 19                                  | 8                                   | 2   | 1                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | 2   |                                   |                          |
| St. John Marylebone H - W.M.  |  | 33633  | 14                                  | 7                                   | 4   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Hampstead WwwwHHHH N.R. & W.M.  |  | 45452  | 25                                  | 16                                  | 8   | 3                                  | -           | 3        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 3              | -   |                                   |                          |
| Regent's Park Pancras H - W.M.  |  | 39115  | 18                                  | 8                                   | 2   | 3                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 2         | 2              | -   |                                   |                          |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 13                                  | 20                                  | 3   | 7                                  | -           | -        | -              | 2           | -               | -       | -                              | -                            | 1          | 2         | 9              | -   |                                   |                          |
| Gray's Inn Lane HHH - - N.R.  |  | 30247  | 15                                  | 12                                  | 8   | -                                  | -           | -        | -              | 2           | -               | -       | -                              | -                            | 2          | 1         | 1              | -   |                                   |                          |
| Somers Town H - - N.R.  |  | 84369  | 26                                  | 13                                  | 5   | -                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 1              | -   |                                   |                          |
| Camden Town WH - - N.R.   |  | 17811  | 7                                   | 14                                  | 4   | 6                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 10  |                                   |                          |
| Kentish Town W - - N.R.   |  | 67487  | 45                                  | 30                                  | 14  | 7                                  | -           | 1        | -              | 1           | -               | 1       | -                              | 3                            | -          | -         | 4              | 1   |                                   |                          |
| Upper Holloway WwwwH - - N.R.   |  | 67946  | 39                                  | 18                                  | 2   | 9                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | 12  |                                   |                          |
| Islington South-west HH - - N.R.  |  | 100676                                       | 67                                  | 29                                  | 13  | 6                                  | -           | 1        | -              | -           | -               | -       | -                              | 3                            | 1          | 3         | 1              | -   |                                   |                          |
| Islington South-east - - N.R.   |  | 61835  | 37                                  | 12                                  | 6   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Highbury H - - N.R.   |  | 32048  | 24                                  | 10                                  | 2   | 3                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | -              | -   |                                   |                          |
| Stoke Newington H - - N.R.  |  | 22781  | 17                                  | 5                                   | 2   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Stamford Hill - - E.L.  |  | 9277   | 7                                   | 1                                   | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| West Hackney H - - N.R.   |  | 37610  | 21                                  | 5                                   | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -   |                                   |                          |
| Hackney WwwwH - - E.L. & N.R.   |  | 76911  | 40                                  | 44                                  | 9   | 5                                  | -           | 1        | 9              | -           | 1               | -       | 4                              | -                            | 1          | 3         | 3              | 22  |                                   |                          |
| South Hackney - - E.L.  |  | 39388  | 25                                  | 8                                   | 2   | 3                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | -   |                                   |                          |
| CENTRAL DISTRICTS.  |  |  |                                     |                                     |   |                                    |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |                          |
| St. George Bloomsbury - - N.R.  |  | 16681  | 8                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| St. Giles South WH - - N.R.   |  | 14864  | 9                                   | 6                                   | -   | 5                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4              | -   |                                   |                          |
| St. Giles North - - N.R.  |  | 18837  | 6                                   | 4                                   | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| St. Martin-in-the-Fields HH N.R. & C.                                     |  | 17508  | 9                                   | 4                                   | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -   |                                   |                          |
| St. Mary-le-Strand H - - N.R.   |  | 7615   | 2                                   | 1                                   | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| St. Clement Danes H - - N.R.  |  | 8559   | 3                                   | 7                                   | 3   | -                                  | -           | -        | -              | -           | 2               | -       | -                              | -                            | 1          | -         | 3              | 1   |                                   |                          |
| Strand Union Workhouse, Edmonton w.                                       |  | -  | -                                   | 1                                   | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18671  | 8                                   | 10                                  | 5   | -                                  | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | -              | 8   |                                   |                          |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 5                                   | 4                                   | 1   | 1                                  | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -   |                                   |                          |
| Saffron Hill H - - N.R.   |  | 6533   | 1                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| St. James Clerkenwell - - N.R.  |  | 17516  | 14                                  | 7                                   | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Amwell Clerkenwell - - N.R.   |  | 19281  | 12                                  | 6                                   | 1   | -                                  | -           | 3        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | -              | -   |                                   |                          |
| Pentonville - - N.R.  |  | 14773  | 6                                   | 2                                   | 2   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Goswell-street - - N.R.   |  | 17506  | 14                                  | 7                                   | 3   | 1                                  | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1   |                                   |                          |
| Old-street H - - N.R.   |  | 11541  | 6                                   | 5                                   | 4   | 3                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | 2          | -         | -              | -   |                                   |                          |
| City-road HHL - - N.R.  |  | 18623  | 15                                  | 6                                   | 3   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Whitecross-street - - N.R.  |  | 9217   | 6                                   | 7                                   | 2   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -   |                                   |                          |
| Finsbury - - N.R.   |  | 7463   | 2                                   | 2                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Holborn Union Workhouse, Mitcham, w.                                      |  | -  | -                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| St. Botolph H - - N.R. & E.L.   |  | 11174  | 5                                   | 2                                   | -   | 2                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Cripplegate - - N.R.  |  | 7193   | 1                                   | 2                                   | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -   |                                   |                          |
| St. Sepulchre H - - N.R.  |  | 5353   | 2                                   | 11                                  | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| St. Bride W - - N.R.  |  | 8396   | 1                                   | 1                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 10  |                                   |                          |
| St. Ebbw - - N.R.   |  | 13666  | 1                                   | 2                                   | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Allhallows Barking - - N.R.   |  | 6652   | 2                                   | 1                                   | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |
| Broad Street H - - N.R.   |  | -  | -                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |                          |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Work-houses; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies Grand Junction Company; *W.M.* West Middlesex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London; and *K.* the Kent Company.

ER, DYPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT day, the 21st July, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |             | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during<br>the<br>Week. | Total<br>Deaths<br>during<br>the<br>Week. | The DEATHS registered in the Week include |                                    |  |            |          |                   |             |                 |         |                               |                               |            |           |                   |                                       |
|--------------------------------|-------------|---|---|---|---|------------------------------------|--|------------|----------|-------------------|-------------|-----------------|---------|-------------------------------|-------------------------------|------------|-----------|-------------------|---------------------------------------|
|                                |             |   |   |   | Deaths from                               |                                    |  |            |          |                   |             |                 |         |                               |                               |            |           |                   |                                       |
|                                |             |   |   |   | Deaths of                                 | Infants<br>under 1<br>Year of Age. | Persons<br>aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-cough. | Typhus. | Eutera (or<br>Typhoid) Fever. | Simple<br>continued<br>Fever. | Diarrhoea. | Violence. | Inquest<br>Cases. | Deaths in<br>Lunatic<br>Institutions. |
| EAST DISTRICTS.                |             |   |   |   |   |                                    |  |            |          |                   |             |                 |         |                               |                               |            |           |                   |                                       |
| Well Shoreditch                | N.R. & E.L. | 7376  | 1   | 3   | -   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| Conard Shoreditch              | HL*         | 14967   | 7   | 8   | -   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 1         | -                 | -                                     |
| on New Town w                  | -           | 26987   | 26  | 16  | 7   | 4                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 4         | -                 | -                                     |
| on Old Town                    | -           | 28736   | 13  | 7   | 3   | -                                  | -                                      | 1          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| erston WH                      | N.R. & E.L. | 46753   | 21  | 24  | 8   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 6         | -                 | -                                     |
| ney-road H                     | -           | 29788   | 20  | 6   | 2   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| h, Bethnal Green               | WHL*        | 47932   | 87  | 10  | 4   | 1                                  | -                                      | -          | -        | 1                 | -           | -               | -       | -                             | -                             | -          | 5         | -                 | -                                     |
| h, Bethnal Green               | -           | 29981   | 23  | 10  | 5   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| h, Bethnal Green               | -           | 18810   | 8   | 4   | 2   | -                                  | -                                      | -          | -        | 1                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| Fields                         | E.L. & N.R. | 22585   | 11  | 8   | 4   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 2         | -                 | -                                     |
| End New Town W                 | -           | 15473   | 10  | 8   | 1   | 3                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 6         | -                 | -                                     |
| chapel Church H                | E.L. & N.R. | 17490   | 11  | 25  | 11  | 1                                  | -                                      | -          | 1        | 1                 | -           | -               | -       | -                             | 3                             | 4          | 18        | -                 | -                                     |
| man's Fields                   | -           | 9713  | 8   | 2   | -   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| ate                            | N.R. & E.L. | 6102  | 9   | 3   | 2   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| George's, North                | -           | 88747   | 24  | 16  | 4   | 1                                  | -                                      | 2          | -        | -                 | -           | -               | -       | 2                             | -                             | -          | -         | -                 | -                                     |
| ohn, St. George East           | W           | 8410  | 6   | 13  | 3   | 5                                  | -                                      | -          | -        | -                 | -           | -               | -       | 1                             | 2                             | 3          | 6         | -                 | -                                     |
| well HH                        | E.L. & N.R. | 10895   | 8   | 10  | 2   | -                                  | -                                      | 1          | -        | -                 | -           | -               | -       | -                             | 2                             | 2          | 2         | -                 | -                                     |
| id                             | -           | 16107   | 8   | 5   | 3   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | 1          | -         | -                 | -                                     |
| house                          | -           | 32041   | 21  | 9   | 3   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| End Old Town West              | -           | 37960   | 57  | 6   | 4   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| End Old Town East WHH          | E.L.        | 67658   | 47  | 22  | 7   | 3                                  | -                                      | -          | -        | -                 | -           | 1               | -       | -                             | -                             | -          | 7         | -                 | -                                     |
| ley WHH                        | -           | 37074   | 30  | 13  | 4   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | 1                             | 1          | 3         | -                 | -                                     |
| ar WHH                         | -           | 64859   | 51  | 32  | 4   | 11                                 | -                                      | 1          | -        | 1                 | -           | 1               | -       | -                             | 2                             | 3          | 15        | -                 | -                                     |
|                                | -           | 65077   | 55  | 15  | 3   | 2                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | 3                             | 3          | -         | -                 | -                                     |
| SOUTH DISTRICTS.               |             |   |   |   |   |                                    |  |            |          |                   |             |                 |         |                               |                               |            |           |                   |                                       |
| Church Southwark WH            | L. & S.     | 17663   | 5   | -   | -   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| avious Southwark               | -           | 14999   | 10  | 5   | 3   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| -road                          | S. & L.     | 21381   | 7   | 10  | 4   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 2         | -                 | -                                     |
| -road WH                       | -           | 18963   | 11  | 6   | 4   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| -road HL                       | L. & S.     | 21318   | 17  | 9   | 2   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 2         | -                 | -                                     |
| ty Newington                   | S. & L.     | 26672   | 16  | 7   | 5   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 1         | -                 | -                                     |
| eter Walworth W                | S. & L.     | 55555   | 43  | 20  | 5   | 5                                  | -                                      | -          | -        | 1                 | -           | -               | -       | -                             | -                             | -          | 3         | -                 | -                                     |
| ary Newington                  | L. & S.     | 21623   | 16  | 7   | 4   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| ave WH                         | -           | 11256   | 12  | 18  | 1   | 2                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | 1                             | -          | -         | 14                | -                                     |
| er Market                      | S. & L.     | 16300   | 17  | 4   | 2   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 1         | -                 | -                                     |
| ary Magdalen W                 | -           | 16669   | 8   | 6   | -   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | 1                             | -          | 1         | -                 | -                                     |
| ames Bermondsey                | -           | 64683   | 31  | 16  | 8   | 1                                  | -                                      | -          | -        | 2                 | -           | -               | -       | -                             | -                             | -          | 1         | -                 | -                                     |
| erbithe WH                     | S. & K.     | 30024   | 13  | 14  | 8   | -                                  | 1                                      | -          | -        | -                 | -           | -               | -       | 1                             | 1                             | -          | 3         | -                 | -                                     |
| loo-road 1st H                 | L. & S.     | 16195   | 7   | 3   | 1   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| loo-road 2nd H                 | -           | 16261   | 23  | 5   | 3   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 1         | 2                 | -                                     |
| eth Church 1st H               | L. & S.     | 17276   | 10  | 12  | 2   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | 2          | -         | 1                 | -                                     |
| eth Church 2nd WH              | -           | 38859   | 27  | 12  | 3   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 6         | -                 | -                                     |
| ington 1st                     | S. & L.     | 45232   | 26  | 15  | 4   | 5                                  | -                                      | -          | -        | 1                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| ington 2nd                     | S. & L.     | 31839   | 21  | 10  | 1   | 1                                  | -                                      | -          | -        | 1                 | -           | -               | -       | -                             | 1                             | -          | -         | -                 | -                                     |
| on w                           | L. & S.     | 62857   | 15  | 13  | 4   | 3                                  | -                                      | -          | -        | 1                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| ood W                          | L.          | 15017   | 15  | 4   | 1   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | 1                             | 1          | -         | -                 | -                                     |
| Battersea                      | -           | 54675   | 40  | 9   | 6   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| Battersea WHH                  | -           | 51587   | 45  | 22  | 5   | 7                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | 1          | 4         | 4                 | -                                     |
| am H                           | -           | 26340   | 21  | 8   | 3   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | 1                             | -          | 1         | -                 | -                                     |
| laworth WHL                    | -           | 26004   | 21  | 8   | 1   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | 3          | 3         | -                 | -                                     |
| ay                             | -           | 15235   | 0   | 2   | -   | 2                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| ham                            | -           | 26583   | 21  | 8   | 4   | -                                  | -                                      | -          | -        | 1                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| ch                             | -           | 5590  | 2   | 2   | 1   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| erwell WH L*                   | -           | 59104   | 47  | 43  | 6   | 7                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | 25                | -                                     |
| am W                           | S., L. & K. | 71059   | 52  | 18  | 7   | 3                                  | -                                      | 1          | -        | 2                 | -           | -               | -       | -                             | 4                             | -          | -         | -                 | -                                     |
| George Camberwell              | L. & S.     | 50610   | 42  | 17  | 10  | 2                                  | 1                                      | -          | -        | -                 | -           | 1               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| and Deptford w                 | -           | 76732   | 51  | 12  | 4   | 2                                  | -                                      | -          | -        | -                 | -           | 1               | -       | -                             | 1                             | 1          | 4         | 1                 | 1                                     |
| nicholas Deptford              | -           | 7701  | 2   | 1   | -   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| wich West H                    | -           | 21972   | 17  | 8   | -   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| wich East WHH                  | -           | 24603   | 20  | 13  | 2   | 6                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | 7                 | -                                     |
| m H                            | -           | 7048  | 2   | 1   | -   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| H                              | -           | 21539   | 6   | 3   | 2   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| ham WH                         | -           | 18865   | 19  | 5   | -   | 4                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | 3                 | -                                     |
| ham H                          | -           | 26076   | 18  | 6   | -   | 2                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| ton H                          | -           | 10930   | 2   | 2   | -   | 1                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | 1          | -         | 1                 | -                                     |
| wich Dockyard                  | -           | 17617   | 15  | 6   | 3   | -                                  | -                                      | 1          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| wich Arsenal HH                | -           | 19445   | 16  | 6   | 2   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | 1         | -                 | -                                     |
| stead, West H                  | -           | 14049   | 7   | 5   | 1   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| stead, East W                  | -           | 19241   | 26  | 13  | 3   | 2                                  | -                                      | -          | 1        | -                 | -           | -               | -       | -                             | 1                             | 1          | 1         | 3                 | -                                     |
| Metropolitan Asylum Hospitals: |             |   |   |   |   |                                    |  |            |          |                   |             |                 |         |                               |                               |            |           |                   |                                       |
| erford w                       | -           | -   | -   | 1   | -   | -                                  | 1                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | 1                 | -                                     |
| inchmore Hill w                | -           | -   | -   | 1   | -   | -                                  | -                                      | -          | -        | 1                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |
| Waistow w                      | -           | -   | -   | -   | -   | -                                  | -                                      | -          | -        | -                 | -           | -               | -       | -                             | -                             | -          | -         | -                 | -                                     |

Following WORKHOUSE Establishments receive REMATES from other Districts than the one in which they stand, and are indicated in the Table by w:-

Marylebone Infirmary in Kensington Town sub-district.  
 General London Sick Asylum in Tottenham Court-road sub-district.  
 Abchurch Lane Asylum in Upper Holloway sub-district.  
 London City Workhouse in Hackney sub-district.  
 Abchurch Lane " in Hoxton New Town sub-district.  
 Whitechapel " Mile End Old Town Eastern sub-dist.  
 London City " Mile End Old Town Eastern sub-dist.  
 " " Mile End Old Town Eastern sub-dist.  
 Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
 Poplar & Stepney Sick Asylum  
 Westminster Union Industrial School in West Battersea sub-district.  
 Strand and Holborn Workhouses outside Registration London.  
 Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA ; POPULATION ; BIRTHS AND DEATHS registered during Week ending Saturday, 21st July, 1888.

|   |                                    | The DEATHS registered in the Week include  |   |         |         |                                 |                                     |             |          |                |             |                 |        |            |           |                |                                   |  |  |  |  |
|---|------------------------------------|--|---|---------|---------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--|--|--|--|
| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.     | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | Deaths of                       |                                     |             |          |                |             |                 |        |            |           |                |                                   |  |  |  |  |
|   |                                    |  |   |         |         | Deaths of                       |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |  |  |  |  |
|   |                                    |  |   |         |         | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoes. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |  |  |  |
| LONDON—OUTER RING   |                                    | 370,924  | 950,937   | 742     | 292     | 69                              | 85                                  | -           | 1        | 4              | 7           | 11              | 1      | 10         | 6         | 13             | 32                                |  |  |  |  |
| 30:1  | Carshalton <i>wL</i> -             | 12223  | 21113   | 8       | 8       | -                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 6                                 |  |  |  |  |
| 2   | Epsom (part of)* <i>WwH</i>        | 9971   | 10710   | 3       | 2       | -                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 37:1  | Godstone (part of) * -             | 2754   | 1235  | 2       | 1       | -                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 38:1  | Croydon <i>WwHHL</i> -             | 20651  | 101241  | 81      | 24      | 3                               | 6                                   | -           | -        | -              | 3           | -               | -      | 1          | -         | 1              | 1                                 |  |  |  |  |
| 2   | Mitcham <i>w†</i> -                | 11697  | 17932   | 15      | 5       | 1                               | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 39:1  | Wimbledon <i>HHH</i> -             | 3220   | 15950   | 18      | 7       | 2                               | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | Kingston <i>WHH</i> -              | 8549   | 36354   | 26      | 12      | 2                               | 3                                   | -           | -        | 1              | -           | -               | -      | -          | -         | 1              | -                                 |  |  |  |  |
| 3   | Esher (part of) * -                | 6601   | 9231  | 6       | 4       | -                               | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 4   | Hampton <i>H</i> -                 | 4573   | 13539   | 11      | 2       | -                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 40:1  | Richmond <i>WH</i> -               | 2272   | 21302   | 11      | 4       | -                               | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |  |  |  |
| 2   | Mortlake -                         | 2911   | 12331   | 10      | 4       | 1                               | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 41:1  | Bromley (pt. of) * <i>HH</i>       | 15669  | 31142   | 13      | 8       | 1                               | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | Chislehurst (pt. of) * <i>WHH</i>  | 14307  | 15344   | 6       | 6       | 1                               | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |  |  |  |  |
| 42:1  | Bexley <i>H</i> -                  | 13437  | 24134   | 14      | 7       | 1                               | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |  |  |  |
| 2   | Dartford ( <i>Ww</i> , pts. of)* - | -  | -   | -       | 2       | -                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |  |  |  |  |
| 124:1   | Sunbury <i>w</i> -                 | 11055  | 11685   | 9       | 3       | -                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | Staines <i>W</i> -                 | 13277  | 12089   | 5       | 4       | -                               | -                                   | -           | -        | -              | 1           | 1               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 125:1   | Hillingdon <i>WHH</i> -            | 6020   | 10802   | 8       | 2       | 1                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | Uxbridge -                         | 6173   | 5225  | 8       | 1       | 1                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 3   | Hayes <i>wHL</i> -                 | 14587  | 11523   | 6       | 6       | -                               | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |  |  |  |  |
| 126:1   | Isleworth <i>WHH</i> -             | 7003   | 22727   | 7       | 7       | 1                               | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |  |  |  |  |
| 2   | Twickenham <i>H</i> -              | 2477   | 12479   | 7       | 7       | 2                               | 4                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |  |  |  |
| 3   | Brentford <i>HL</i> -              | 4345   | 27349   | 18      | 5       | 2                               | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 4   | Chiswick -                         | 1340   | 15775   | 12      | 5       | 2                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 5   | Acton <i>wH</i> -                  | 6063   | 22376   | 21      | 2       | 1                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |  |  |  |
| 127:1   | Harrow <i>H</i> -                  | 13809  | 12795   | 7       | 3       | 2                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | Edgware <i>H</i> -                 | 6994   | 3749  | 5       | 3       | -                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |  |  |  |
| 3   | Willesden -                        | 4383   | 27453   | 30      | 15      | 6                               | 3                                   | -           | -        | 1              | -           | 2               | -      | 3          | -         | 1              | -                                 |  |  |  |  |
| 4   | Hendon <i>W</i> -                  | 8382   | 10494   | 9       | -       | -                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 128:1   | South Mimms -                      | 15599  | 6391  | 7       | 1       | -                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | Barnet -                           | 5433   | 10092   | 2       | 3       | -                               | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |  |  |  |
| 3   | Finchley <i>HL</i> -               | 4683   | 17615   | 14      | 11      | 2                               | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | 5                                 |  |  |  |  |
| 129:1   | Hornsey <i>H</i> -                 | 3039   | 37073   | 21      | 9       | 3                               | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | Tottenham <i>H</i> -               | 4642   | 46456   | 63      | 20      | 6                               | 6                                   | -           | -        | 1              | -           | 1               | -      | -          | 2         | 3              | 1                                 |  |  |  |  |
| 3   | Edmonton <i>Ww†</i>                | 7483   | 23463   | 12      | 10      | 6                               | 3                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 1                                 |  |  |  |  |
| 4   | Enfield <i>WH</i> -                | 12653  | 19104   | 16      | 6       | 2                               | 1                                   | -           | -        | -              | -           | -               | -      | 2          | -         | -              | -                                 |  |  |  |  |
| 5   | Waltham Abbey -                    | 11017  | 5343  | 3       | 1       | -                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 6   | Cheshunt -                         | 8490   | 7735  | 4       | 2       | -                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 130:1   | Hatfield (part of) * -             | 3306   | 583   | -       | -       | -                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 137:1   | Bushey -                           | 9331   | 6621  | 1       | -       | -                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | Watford ( <i>W</i> , pt. of)* -    | -  | -   | -       | -       | -                               | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 136:1   | Stratford -                        | 882  | 38603   | 21      | 7       | 1                               | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | West Ham <i>wewwH†</i>             | 7351   | 101033  | 122     | 28      | 18                              | 3                                   | -           | -        | 1              | 1           | 1               | -      | 1          | 1         | 1              | -                                 |  |  |  |  |
| 3   | Leyton <i>WwL</i> -                | 4372   | 32430   | 27      | 8       | 2                               | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |  |  |  |  |
| 4   | Walthamstow <i>H</i> -             | 6520   | 28869   | 27      | 15      | 2                               | 2                                   | -           | 1        | -              | 2           | -               | 1      | 1          | -         | 1              | -                                 |  |  |  |  |
| 137:2   | Chigwell (part of) * <i>H</i>      | 11761  | 9639  | 4       | 3       | -                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 2   | Epping ( <i>W</i> , pt. of)* -     | -  | -   | 2       | 2       | 1                               | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 1                                 |  |  |  |  |
| 139:1   | Romford (part of) * <i>W</i>       | 6730   | 3411  | 1       | 2       | -                               | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |  |  |  |  |
| 2   | Ilford -                           | 8493   | 7645  | 8       | 2       | -                               | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |  |  |
| 3   | Barking Town -                     | 4127   | 9203  | 9       | 3       | 1                               | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |  |  |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone district: 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1813); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district: 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district: 136:1, Stratford, 137:2, Watford, and 137:1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospitals, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 21st July, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include   |  |             |          |                   |             |                     |        |            |           |     |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                   |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of<br>Age. | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |                                   |
| EATER LONDON              | 448,334  | 5,527,886                                      | 15.0.   | 1.8                                   | 1589                             | 453   | 336  | 1           | 26       | 18                | 22          | 44                  | 9      | 72         | 60        | 346 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 15.8  | 1.9                                   | 1297                             | 384   | 251  | 1           | 25       | 14                | 15          | 33                  | 8      | 62         | 54        | 314 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 12.2  | 1.4                                   | 292                              | 69  | 85   | -           | 1        | 4                 | 7           | 11                  | 1      | 10         | 6         | 32  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 6,522 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,287,049 Persons.

| CITIES.                        | POPULATION (enumerated or estimated). | DATE OF RETURN. | Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|--------------------------------|---------------------------------------|-----------------|-------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA -                     | 433,219                               | June            | 16          | -                               | -       | -                                  | -   |
| BOMBAY -                       | 773,196                               | "               | 26          | 309                             | 449     | 25.9                               | Fevers 137; cholera 11; small-pox 8.                  |
| MADRAS -                       | 398,777                               | "               | 8           | 318                             | 277     | 36.2                               | Fevers 53; cholera 6; diarrhoeal diseases 57.         |
| PARIS -                        | 2,260,945                             | July            | 14          | 1121                            | 844     | 19.4                               | Typd. fev. 11; d. & ep. 23; meas. 18; diar. dis. 81.  |
| BRUSSELS - (with 8 Faubourgs.) | 462,069                               | "               | 14          | 245                             | 165     | 18.6                               | Measles 3; diarrhoeal diseases 32.                    |
| AMSTERDAM -                    | 390,016                               | "               | 14          | 276                             | 130     | 17.3                               | Diphtheria 2.   |
| ROTTERDAM -                    | 193,658                               | "               | 14          | 134                             | 60      | 16.0                               | -   |
| THE HAGUE -                    | 149,477                               | "               | 14          | 75                              | 45      | 15.6                               | Diphtheria 1.   |
| COPENHAGEN                     | 300,000                               | "               | 10          | 201                             | 95      | 16.5                               | Scarlet fever 5; diphtheria 5; diar. dis. 9.          |
| STOCKHOLM -                    | 221,549                               | "               | 7           | 128                             | 100     | 23.5                               | Scar. fever 5; whooping-cough 6; diar. dis. 13.       |
| CHRISTIANIA -                  | 154,000                               | "               | 14          | 85                              | 60      | 23.0                               | Diphtheria and croup 4; scarlet fever 2.              |
| ST. PETERSBURG                 | 923,016                               | "               | 7           | -                               | 567     | 31.9                               | Typhoid fever. 14; meas. 55; s.-px. 6; diar. dis. 65. |
| BERLIN -                       | 1,413,603                             | June            | 30          | 857                             | 538     | 21.4                               | Diphtheria and croup 13; sc. fev. 5; diar. dis. 150.  |
| HAMBURG (State)                | 529,091                               | July            | 7           | 333                             | 263     | 25.9                               | Measles 29; diph. and croup 7; diar. dis. 26.         |
| DRESDEN -                      | 269,142                               | "               | 7           | 165                             | 113     | 22.7                               | Diphtheria and croup 5; meas. 3; diar. dis. 14.       |
| BRESLAU -                      | 313,451                               | "               | 14          | 233                             | 163     | 27.8                               | Diph. 5; diar. dis. 45.                               |
| MUNICH -                       | 275,000                               | "               | 7           | 183                             | 169     | 32.0                               | Diphtheria and croup 3; sc. fev. 5; diar. dis. 55.    |
| VIENNA -                       | 803,836                               | "               | 7           | 525                             | 362     | 23.5                               | Measles 11; diph. 4; diarrhoeal dis. 32.              |
| PRAGUE -                       | 295,857                               | "               | 7           | -                               | 191     | 33.7                               | Small-pox 13; meas. 17; scarlet fever 5; diph. 4.     |
| BUDA-PESTH -                   | 442,787                               | "               | 7           | 332                             | 280     | 32.9                               | Diph. 3; diar. dis. 74.                               |
| TRIESTE -                      | 156,042                               | "               | 7           | -                               | 62      | 20.7                               | Small-pox 4; diph. and croup 3.                       |
| ROME -                         | 382,973                               | June            | 2           | 215                             | 167     | 22.8                               | Meas. 5; malarial fev. 10.                            |
| TURIN (10 days)                | 194,826                               | "               | 20          | -                               | -       | -                                  | -   |
| VENICE -                       | 150,502                               | July            | 7           | 91                              | 64      | 22.2                               | Typd. fev. 2; diarrhoeal diseases 10.                 |
| CAIRO -                        | 374,338                               | June            | 23          | 320                             | 503     | 70.3                               | Meas. 41; typhd. fev. 14; diar. dis. 200.             |
| ALEXANDRIA -                   | 231,396                               | "               | 23          | 166                             | 150     | 33.8                               | Typd. fev. 2; diar. dis. 52.                          |
| NEW YORK -                     | 1,493,000                             | "               | 30          | -                               | 1038    | 36.3                               | Diph. 35; scar. fever 31; meas. 23; diar. dis. 247.   |
| BROOKLYN -                     | 774,870                               | "               | 30          | -                               | 495     | 33.3                               | Diph. 14; scar. fever 4; diarrhoeal diseases 161.     |
| PHILADELPHIA -                 | 1,016,753                             | "               | 30          | -                               | 536     | 27.5                               | Typhd. fev. 12; diph. 7; diarrhoeal diseases 103.     |
| BALTIMORE -                    | 437,155                               | "               | 30          | -                               | 248     | 29.6                               | Typhd. fev. 4; diar. dis. 101.                        |





# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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30th July, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 15·8 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |          |          |          | TOWNS.             | Weeks ending |          |          |          |
|--------------|--------------|----------|----------|----------|--------------------|--------------|----------|----------|----------|
|              | July 7.      | July 14. | July 21. | July 28. |                    | July 7.      | July 14. | July 21. | July 28. |
| Birkenhead   | 11·5         | 13·6     | 13·6     | 13·6     | Liverpool -        | 15·8         | 16·8     | 15·3     | 17·1     |
| Birmingham   | 15·4         | 14·8     | 16·1     | 13·2     | London -           | 14·8         | 15·7     | 15·8     | 15·9     |
| Blackburn -  | 13·6         | 11·4     | 13·2     | 16·7     | Manchester -       | 21·0         | 23·7     | 21·1     | 20·3     |
| Bolton -     | 18·9         | 23·5     | 18·9     | 22·1     | Newcastle-on-Tyne* | 20·3         | 15·1     | 14·4     | 18·4     |
| Bradford*    | 13·4         | 16·1     | 16·1     | 12·7     | Norwich -          | 17·8         | 15·0     | 15·6     | 12·8     |
| Brighton -   | 9·1          | 11·7     | 12·2     | 8·3      | Nottingham*        | 9·9          | 13·3     | 12·7     | 12·0     |
| Bristol -    | 12·9         | 10·6     | 16·4     | 13·6     | Oldham -           | 17·4         | 17·7     | 18·9     | 16·6     |
| Cardiff*     | 13·9         | 14·9     | 13·5     | 16·3     | Plymouth -         | 17·5         | 12·8     | 14·8     | 14·8     |
| Derby -      | 19·0         | 14·1     | 13·0     | 8·1      | Portsmouth -       | 12·7         | 13·8     | 16·1     | 16·4     |
| Halifax -    | 12·4         | 18·2     | 16·3     | 25·4     | Preston -          | 22·2         | 15·7     | 20·2     | 14·1     |
| Huddersfield | 12·0         | 11·4     | 14·3     | 22·3     | Salford* -         | 15·9         | 14·3     | 19·4     | 16·4     |
| Hull -       | 13·7         | 12·4     | 12·9     | 14·4     | Sheffield -        | 14·3         | 13·1     | 15·9     | 15·9     |
| Leeds -      | 15·3         | 17·5     | 18·9     | 16·6     | Sunderland -       | 18·2         | 19·0     | 14·2     | 15·8     |
| Leicester*   | 11·4         | 15·6     | 14·9     | 12·4     | Wolverhampton -    | 12·8         | 16·0     | 19·8     | 16·0     |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·0 in Leeds, 1·1 in Leicester, and 1·3 in Halifax; from *scarlet fever*, 1·0 in Birkenhead, 1·4 in Bolton, and 1·8 in Blackburn; from *whooping-cough*, 1·4 in Manchester, and 2·0 in Halifax; from "*fever*," 0·9 in Salford, and 1·3 in Newcastle-upon-Tyne; and from *diarrhœa*, 1·3 in Wolverhampton, and 1·5 in Liverpool, in Oldham, and in Sheffield. The 35 deaths from *diphtheria* in these twenty-eight towns included 21 in London, 4 in Liverpool, 4 in Manchester, and 2 in Sunderland. *Small-pox* caused 3 deaths in Preston, but not one in any of the twenty-seven other great towns.

## LONDON.

In LONDON† 2353 BIRTHS and 1308 DEATHS were registered. Allowing for increase of population, the births were 440, and the deaths 573, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·7 and 15·8 in the two preceding weeks, further rose last week to 15·9. During the first four weeks of the current quarter the death-rate averaged 15·6 per 1000, and was 6·0 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1308 deaths included 40 from measles, 23 from scarlet fever, 21 from diphtheria, 20 from whooping-cough, 15 from enteric fever, 1 from an undefined form of continued fever, 89 from diarrhœa and dysentery, 4 from cholera and choleraic diarrhœa, and not one from small-pox or typhus; thus, 223 deaths were referred to these diseases, being 354 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 10; only 2 small-pox patients were in the Metropolitan Asylum Hospitals on Saturday last. The fatal cases of *measles*, which had been 26 and 25 in the two preceding weeks, rose last week to 40, but were 13 below the corrected average; 3 belonged to Clerkenwell, 4 to Shoreditch, 3 to St. George-in-the-East, 4 to Poplar, and 3 to Battersea sanitary areas. The 23 deaths from *scarlet fever* also showed an increase upon recent weekly numbers, but were 17 below the corrected average; 4 belonged to Bethnal Green (including 3 cases admitted to the Metropolitan Asylum Hospital at Homerton from 7B, Pitt Street), 4 to Lambeth, and 2 to Battersea sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 861 scarlet fever patients, against numbers declining on the four preceding Saturdays from 924 to 889; 87 cases were admitted during the week, against 103 and 105 in the two previous weeks. The fatal cases of *diphtheria*, which had been 29, 24, and 15 in the three preceding weeks, rose again last week to 21, and exceeded the corrected average by 6; 2 belonged to Islington, 3 to Hackney, 3 to Brixton, 2 to Wandsworth, and 3 to Camberwell. The 30 deaths from *whooping-cough* were 27 below the corrected average; 4 belonged to Hackney and 4 to Camberwell sanitary area. The deaths attributed to *diarrhœa* and *dysentery*, which had been 72 and 62 in the two previous weeks, rose last week to 89, but were 283 below the corrected average; 83 were of children under five years of age, including 68 of infants under one year of age. The deaths of 3 infants were referred to infantile cholera or choleraic diarrhœa; and the death of a male adult in Pancras to "English cholera."

The deaths from *enteric fever*, which had been 12 and 8 in the two preceding weeks, rose last week to 15, and corresponded with the corrected average; 2 belonged to Pancras, 2 to Hackney, 2 to Shoreditch, and 2 to Poplar sanitary areas. The death of an adult female, in St. George-in-the-East, was indefinitely referred to "continued fever." The Metropolitan Asylum Hospitals contained 84 cases of enteric fever, but not one of typhus, on Saturday last; 10 cases of enteric fever were admitted during the week, against 5 and 9 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 176, 164, and 166 in the three preceding weeks, declined last week to 160, and were 28 below the corrected average.

Different forms of violence caused 63 deaths; 49 were the result of negligence or accident, among which were 25 from fractures and contusions, 11 from drowning, and 6 of infants under one year of age from suffocation. The 25 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in the street; 1 by accident on railway; 2 by fall downstairs; 1 by fall from perambulator; 1 by fall from scaffold; 1 by fall from roof; 1 by fall from gate-pier; 1 by fall from chair; 1 by fall from table; 5 by fall, the nature of which was not stated; 2 by fall of heavy substance; 1 knocked down by boys in street; and 2 by fracture, the cause of which was not stated. An inquest was held in each of these 25 cases. Twelve cases of suicide were registered, the corrected average being 8.

#### GREATER LONDON.

In Greater London 3062 births and 1570 deaths were registered, corresponding to annual rates of 28·9 and 14·8 per 1000 of the estimated population. In the Outer Ring 11 deaths from whooping-cough, and 7 from diarrhœa, were registered. Whooping-cough caused 3 deaths in Tottenham, diarrhœa 3 in West Ham, and diphtheria 2 in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·54 in.; the highest reading was 29·73 in. at the beginning of the week, and the lowest 29·29 in. on Saturday morning. The mean temperature of the *air* was 60°·3, and 2°·4 below the average in the corresponding weeks of the 20 years ending 1868. The mean corresponded with the average on Sunday, but showed a considerable deficiency on each of the other days of the week. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 13·7 miles per hour, which was 3·9 miles above the average in the corresponding weeks of 16 years. *Rain* fell on each day of the week, to the aggregate amount of 1·11 of an inch. The duration of registered bright sunshine in the week was 34·8 hours, against 22·2 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 28th July, 1888.

| CITIES<br>AND<br>BOROUGHES. | Registered during<br>the Week ending<br>28th July, 1888. |      |      | The DEATHS registered in the Week include |  |            |          |                   |             |                     |        |            |                |                                      |                                 | TEMPERATURE OF THE AIR.  |                     |                                    |          |               | RAINFALL.               |         |             |             |                |
|-----------------------------|--|------|------|---|--|------------|----------|-------------------|-------------|---------------------|--------|------------|----------------|--------------------------------------|---------------------------------|--|---------------------|------------------------------------|----------|---------------|-------------------------|---------|-------------|-------------|----------------|
|                             | 1.   | 2.   | 3.   | Deaths of                                 |  |            |          | Deaths from       |             |                     |        |            | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Uncertified<br>Causes of Death. | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths |                     | Mean.                              |          | In<br>Inches. | In<br>Centi-<br>metres. |         |             |             |                |
|                             |  |      |      | Infants under<br>1 Year of<br>Age.        | Persons aged<br>60 Years<br>and upwards. | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. |                |                                      |                                 | Violence.  | From All<br>Causes. | From<br>Diseases of<br>Cols. 6-12. | Highest. |               |                         | Lowest. | Fahrenheit. | Centigrade. |                |
| CITIES<br>AND<br>BOROUGHES. | 1.   | 2.   | 3.   | 4.  | 5.                                       | 6.         | 7.       | 8.                | 9.          | 10.                 | 11.    | 12.        | 13.            | 14.                                  | 15.                             | 16.  | 17.                 | 18.                                | 19.      | 20.           | 21.                     | 22.     | 23.         | 24.         | Cols.          |
| 28 TOWNS*.                  | 9,398,273  | 5314 | 2844 | 800                                       | 616                                      | 3          | 62       | 48                | 35          | 65                  | 40     | 156        | 133            | 194                                  | 516                             | 43   | 15-8                | 2-3                                | 72-9     | 43-0          | 57-5                    | 14-17   | 1-37        | 3-48        | 28 TOWNS.      |
| LONDON*                     | 4,282,921  | 2353 | 1308 | 385                                       | 277                                      | -          | 40       | 23                | 21          | 30                  | 16     | 89         | 63             | 89                                   | 305                             | 10   | 13-9                | 2-7                                | 72-9     | 40-2          | 60-3                    | 15-72   | 1-11        | 2-82        | LONDON.        |
| BRIGHTON                    | 119,983  | 45   | 19   | 6   | 5  | -          | -        | -                 | -           | -                   | -      | -          | -              | 1                                    | 1                               | 7  | 8-3                 | 0-9                                | 68-3     | 54-0          | 59-2                    | 15-11   | 1-83        | 4-65        | BRIGHTON.      |
| PORTSMOUTH                  | 139,575  | 82   | 44   | 15  | 10                                       | -          | 1        | -                 | 1           | 1                   | 1      | 1          | 1              | 1                                    | 7                               | -  | 16-4                | 1-5                                | -        | -             | -                       | -       | -           | -           | PORTSMOUTH.    |
| NORWICH                     | 93,675   | 68   | 23   | 3   | 8  | -          | 1        | 1                 | 1           | 1                   | 1      | 1          | 1              | 2                                    | 1                               | -  | 12-8                | 1-1                                | -        | -             | -                       | -       | -           | -           | NORWICH.       |
| PLYMOUTH                    | 77,674   | 50   | 22   | 4   | 8  | -          | -        | -                 | 1           | 1                   | 1      | 1          | 1              | 7                                    | 12                              | -  | 13-6                | 1-2                                | 67-4     | 48-5          | 57-2                    | 14-00   | 1-94        | 4-93        | PLYMOUTH.      |
| BRISTOL                     | 226,510  | 96   | 59   | 11  | 16                                       | -          | 2        | 1                 | 1           | 1                   | 1      | 1          | 1              | 7                                    | 3                               | 1  | 16-0                | 1-3                                | 69-2     | 43-0          | 56-1                    | 13-39   | 1-01        | 2-57        | BRISTOL.       |
| WOLVERHAMPTON               | 81,691   | 46   | 25   | 10  | 5  | -          | -        | -                 | -           | 2                   | 1      | 2          | 1              | 1                                    | 1                               | 1  | 13-2                | 0-9                                | -        | -             | -                       | -       | -           | -           | WOLVERHAMPTON. |
| BIRMINGHAM                  | 447,912  | 247  | 113  | 29  | 29                                       | -          | 4        | -                 | -           | 2                   | 2      | 2          | 2              | 3                                    | 10                              | 2  | 12-4                | 2-5                                | -        | -             | -                       | -       | -           | -           | BIRMINGHAM.    |
| LEICESTER*                  | 146,790  | 85   | 35   | 16  | 8  | -          | 3        | -                 | -           | 2                   | 2      | 2          | 2              | 3                                    | 4                               | -  | 12-4                | 2-5                                | -        | -             | -                       | -       | -           | -           | LEICESTER.     |
| NOTTINGHAM*                 | 230,921  | 125  | 53   | 13  | 16                                       | -          | -        | 1                 | -           | -                   | -      | -          | -              | 3                                    | 14                              | -  | 12-0                | 1-1                                | 69-6     | 46-0          | 57-5                    | 14-17   | 0-66        | 1-68        | NOTTINGHAM.    |
| DERBY                       | 96,241   | 54   | 15   | 4   | 6  | -          | -        | -                 | -           | -                   | -      | -          | -              | 1                                    | 1                               | -  | 8-1                 | 0-0                                | -        | -             | -                       | -       | -           | -           | DERBY.         |
| BIRKENHEAD                  | 100,093  | 60   | 26   | 8   | 5  | -          | -        | 2                 | -           | 5                   | 2      | 17         | 14             | 16                                   | 27                              | 4  | 17-1                | 2-5                                | 67-9     | 50-9          | 57-0                    | 13-89   | 1-58        | 4-01        | BIRKENHEAD.    |
| LIVERPOOL                   | 569,738  | 331  | 196  | 67  | 29                                       | -          | -        | 1                 | 4           | 1                   | 2      | 1          | 1              | 1                                    | 2                               | -  | 22-1                | 2-8                                | -        | -             | -                       | -       | -           | -           | LIVERPOOL.     |
| ROLTON                      | 113,506  | 66   | 48   | 12  | 8  | -          | -        | 3                 | -           | 1                   | -      | -          | -              | -                                    | 1                               | -  | 20-3                | 3-6                                | -        | -             | -                       | -       | -           | -           | ROLTON.        |
| MANCHESTER                  | 378,164  | 261  | 147  | 33  | 22                                       | -          | 1        | 1                 | 4           | 10                  | 3      | 7          | 6              | 13                                   | 40                              | 4  | 20-3                | 3-6                                | -        | -             | -                       | -       | -           | -           | MANCHESTER.    |
| SALFORD*                    | 226,336  | 108  | 71   | 18  | 15                                       | -          | -        | 1                 | 1           | 2                   | 4      | 2          | 3              | 5                                    | 8                               | 1  | 16-4                | 2-3                                | -        | -             | -                       | -       | -           | -           | SALFORD.       |
| OLDHAM                      | 158,220  | 63   | 44   | 13  | 9  | -          | -        | -                 | -           | 1                   | -      | 4          | 4              | 5                                    | 3                               | 1  | 16-6                | 1-5                                | -        | -             | -                       | -       | -           | -           | OLDHAM.        |
| BLACKBURN                   | 119,039  | 73   | 38   | 12  | 7  | -          | -        | 4                 | -           | 1                   | -      | 2          | 1              | 1                                    | 2                               | 1  | 16-7                | 3-1                                | -        | -             | -                       | -       | -           | -           | BLACKBURN.     |
| PRESTON                     | 103,234  | 65   | 28   | 9   | 5  | 3          | -        | 1                 | -           | -                   | -      | 2          | -              | -                                    | 1                               | -  | 14-1                | 3-0                                | -        | -             | -                       | -       | -           | -           | PRESTON.       |
| HUDDESFIELD                 | 91,419   | 40   | 39   | 13  | 5  | -          | -        | -                 | -           | -                   | 1      | 1          | 1              | -                                    | 7                               | 2  | 22-3                | 1-1                                | -        | -             | -                       | -       | -           | -           | HUDDESFIELD.   |
| HALIFAX                     | 80,138   | 51   | 39   | 9   | 11                                       | -          | 2        | -                 | -           | 3                   | 1      | 1          | 1              | 1                                    | 8                               | 4  | 25-4                | 4-6                                | -        | -             | -                       | -       | -           | -           | HALIFAX.       |
| BRADFORD*                   | 229,721  | 125  | 56   | 14  | 14                                       | -          | 1        | -                 | -           | -                   | -      | 3          | 2              | 4                                    | 5                               | 3  | 12-7                | 0-9                                | 69-8     | 50-6          | 58-3                    | 14-61   | 1-19        | 3-02        | BRADFORD.      |
| LEEDS                       | 351,210  | 228  | 112  | 25  | 27                                       | -          | 7        | 3                 | -           | 5                   | -      | 2          | 4              | 9                                    | 10                              | 4  | 16-6                | 2-5                                | -        | -             | -                       | -       | -           | -           | LEEDS.         |
| SHEFFIELD                   | 321,711  | 185  | 98   | 29  | 24                                       | -          | -        | 4                 | -           | 2                   | 2      | 9          | 3              | 6                                    | 4                               | 4  | 15-9                | 2-8                                | -        | -             | -                       | -       | -           | -           | SHEFFIELD.     |
| HULL                        | 202,359  | 143  | 56   | 19  | 15                                       | -          | -        | -                 | -           | 1                   | 1      | 1          | 1              | 2                                    | 4                               | 3  | 14-4                | 0-5                                | 71-0     | 47-0          | 57-5                    | 14-17   | 1-83        | 4-65        | HULL.          |
| SUNDERLAND                  | 131,919  | 74   | 40   | 9   | 14                                       | -          | -        | -                 | 2           | 1                   | 1      | 1          | 1              | 1                                    | 3                               | 4  | 1                   | 15-8                               | 1-2      | -             | -                       | -       | -           | -           | SUNDERLAND.    |
| NEWCASTLE*                  | 169,063  | 115  | 56   | 6   | 12                                       | -          | 1        | 2                 | -           | 1                   | 4      | 1          | 1              | 3                                    | 3                               | 5  | 18-4                | 3-0                                | 66-0     | 50-0          | 54-7                    | 12-61   | 1-55        | 3-94        | NEWCASTLE.     |
| CARDIFF*                    | 108,570  | 82   | 34   | 8   | 6  | -          | -        | -                 | -           | 1                   | -      | 1          | 2              | 2                                    | 4                               | -  | 16-3                | 1-0                                | -        | -             | -                       | -       | -           | -           | CARDIFF.       |
| EDINBURGH                   | 262,733  | 140  | 69   | 8   | 16                                       | -          | -        | 1                 | 1           | -                   | 1      | 1          | -              | 1                                    | 20                              | 12   | 13-7                | 0-6                                | 67-5     | 47-0          | 56-4                    | 13-56   | 1-41        | 3-58        | EDINBURGH.     |
| GLASGOW                     | 426,088  | 280  | 171  | 27  | 28                                       | -          | 5        | 1                 | 1           | 6                   | 2      | 5          | 10             | 9                                    | 27                              | 31   | 17-0                | 2-0                                | -        | -             | -                       | -       | -           | -           | GLASGOW.       |
| DUBLIN                      | 353,082  | 134  | 122  | 24  | 28                                       | -          | -        | 4                 | -           | 1                   | 2      | 1          | 5              | 3                                    | 39                              | 17   | 18-0                | 1-2                                | 67-9     | 42-8          | 57-2                    | 14-00   | 1-65        | 4-19        | DUBLIN.        |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTIETH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2414 | 2482 | 2488 | 2755 | 2577 | 2631 | 2580 | 2439 | 2701 | 2579 | 2793·8   | 2853 |
| Males . .           | 1243 | 1245 | 1290 | 1443 | 1357 | 1350 | 1300 | 1260 | 1366 | 1347 | 1439·5   | 1171 |
| Females .           | 1171 | 1237 | 1198 | 1312 | 1220 | 1281 | 1280 | 1179 | 1335 | 1232 | 1353·8   | 1182 |
| <b>TOTAL Deaths</b> | 1792 | 1208 | 1746 | 2000 | 1899 | 1605 | 1995 | 1750 | 1746 | 2007 | 1880·8   | 1308 |
| Males . .           | 938  | 629  | 976  | 1052 | 716  | 847  | 1064 | 924  | 925  | 1043 | 993·8  | 681  |
| Females .           | 854  | 579  | 770  | 948  | 683  | 758  | 931  | 826  | 821  | 964  | 887·0  | 627  |

\* The numbers in this column are the average weekly numbers in the thirtieth weeks of the ten years 1878-87 raised by 0·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | May<br>5. | May<br>12. | May<br>19. | May<br>26. | June<br>2. | June<br>9. | June<br>16. | June<br>23. | June<br>30. | July<br>7. | July<br>14. | July<br>21. | July<br>28. |     |
|--|---|--------------|-----------|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-----|
| <b>TOTAL Births</b>                      | - | -            | 2650      | 2574       | 2364       | 2278       | 2491       | 2430       | 2399        | 2534        | 2239        | 2348       | 2520        | 2385        | 2353        |     |
| <b>TOTAL Deaths</b>                      | - | -            | 1429      | 1360       | 1469       | 1361       | 1323       | 1219       | 1167        | 1190        | 1238        | 1211       | 1288        | 1297        | 1308        |     |
| 0-20                                     | - | -            | 643       | 615        | 637        | 608        | 581        | 527        | 503         | 536         | 562         | 576        | 628         | 636         | 670         |     |
| 20-40                                    | - | -            | 187       | 186        | 212        | 180        | 178        | 156        | 176         | 149         | 171         | 172        | 160         | 168         | 155         |     |
| 40-60                                    | - | -            | 243       | 238        | 272        | 256        | 266        | 248        | 208         | 226         | 213         | 208        | 229         | 242         | 206         |     |
| 60-80                                    | - | -            | 277       | 255        | 276        | 268        | 255        | 245        | 234         | 242         | 241         | 205        | 230         | 202         | 217         |     |
| at 80 years & upwds.                     | - | -            | 79        | 66         | 72         | 49         | 43         | 43         | 46          | 37          | 51          | 50         | 41          | 49          | 60          |     |
| Deaths of children                       | { | Under 1 year | -         | 324        | 319        | 296        | 322        | 288        | 264         | 251         | 281         | 297        | 302         | 359         | 384         | 385 |
| 1-5                                      |   | -            | 225       | 190        | 254        | 204        | 184        | 176        | 163         | 155         | 178         | 203        | 182         | 177         | 186         |     |
| 5-20                                     |   | -            | 94        | 106        | 87         | 82         | 109        | 87         | 89          | 100         | 87          | 71         | 87          | 75          | 93          |     |
| Deaths from Small-pox                    | - | -            | -         | -          | -          | -          | -          | -          | -           | -           | -           | -          | 1           | 1           | -           |     |
| " " Measles                              | - | -            | 14        | 22         | 18         | 23         | 24         | 25         | 21          | 18          | 20          | 23         | 26          | 25          | 40          |     |
| " " Scarlet fever                        | - | -            | 23        | 19         | 13         | 17         | 19         | 23         | 19          | 10          | 19          | 10         | 18          | 14          | 23          |     |
| " " Diphtheria                           | - | -            | 15        | 15         | 29         | 19         | 26         | 22         | 18          | 15          | 28          | 29         | 24          | 15          | 21          |     |
| " " Whooping-cough                       | - | -            | 87        | 52         | 64         | 64         | 37         | 33         | 34          | 33          | 27          | 31         | 32          | 33          | 30          |     |
| " " Typhus                               | - | -            | 1         | -          | -          | -          | -          | -          | -           | -           | -           | -          | -           | -           | -           |     |
| " " Enteric fever                        | - | -            | 11        | 9          | 12         | 10         | 9          | 8          | 8           | 15          | 10          | 7          | 12          | 8           | 15          |     |
| " " Simple Cont'd fever                  | - | -            | -         | 1          | -          | 3          | -          | 1          | 1           | -           | -           | 2          | 1           | -           | 1           |     |
| " " Diarrhœa and Dysentery               | - | -            | 19        | 14         | 15         | 9          | 19         | 18         | 16          | 18          | 36          | 51         | 72          | 62          | 89          |     |
| " " Cholera                              | - | -            | -         | 1          | -          | 2          | 1          | -          | -           | -           | 2           | 3          | 3           | 2           | 4           |     |
| Deaths from the above-mentioned Diseases | - | -            | 176       | 133        | 151        | 147        | 135        | 130        | 117         | 109         | 142         | 156        | 189         | 160         | 223         |     |
| " " Dis. of Respiratory System           | - | -            | 287       | 260        | 296        | 228        | 237        | 185        | 213         | 184         | 156         | 176        | 164         | 166         | 160         |     |
| " " Phthisis                             | - | -            | 135       | 134        | 176        | 151        | 157        | 135        | 119         | 133         | 117         | 114        | 114         | 141         | 117         |     |
| " " Dis. of Circulatory System           | - | -            | 122       | 119        | 105        | 119        | 109        | 101        | 89          | 95          | 101         | 96         | 110         | 118         | 92          |     |
| Violent Deaths                           | - | -            | 39        | 51         | 63         | 65         | 73         | 51         | 71          | 63          | 64          | 65         | 56          | 54          | 63          |     |
| Inquest Cases                            | - | -            | 101       | 106        | 113        | 108        | 111        | 90         | 103         | 105         | 111         | 107        | 125         | 104         | 89          |     |
| Deaths in Public Institutions            | - | -            | 332       | 305        | 370        | 345        | 326        | 275        | 312         | 280         | 302         | 285        | 300         | 314         | 205         |     |
| TEMPERATURE OF THE AIR                   | - | -            | 49·0      | 52·3       | 55·9       | 54·0       | 55·8       | 58·9       | 57·1        | 54·2        | 61·9        | 56·4       | 55·8        | 59·4        | 60·3        |     |
| Mean                                     | - | -            | 58·9      | 64·1       | 68·0       | 66·0       | 69·1       | 71·0       | 69·5        | 61·8        | 72·3        | 65·3       | 64·7        | 68·6        | 69·9        |     |
| Mean of Highest readings                 | - | -            | 40·2      | 41·2       | 45·6       | 43·2       | 44·3       | 49·8       | 47·8        | 43·1        | 54·3        | 50·8       | 48·2        | 52·8        | 53·8        |     |
| Mean of Lowest readings                  | - | -            | -         | -          | -          | -          | -          | -          | -           | -           | -           | -          | -           | -           | -           |     |
| Humidity of the Air                      | - | -            | 68        | 69         | 69         | 68         | 69         | 77         | 72          | 86          | 83          | 87         | 77          | 83          | 81          |     |
| Rain-fall in inches                      | - | -            | 0·16      | 0·00       | 0·32       | 0·00       | 0·16       | 0·17       | 0·54        | 0·27        | 2·37        | 0·90       | 0·44        | 1·61        | 1·11        |     |
| Registered Sunshine (in hours)           | - | -            | 43·2      | 51·0       | 39·4       | 62·3       | 43·8       | 21·2       | 51·7        | 17·7        | 29·9        | 18·5       | 23·2        | 11·8        | 34·8        |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTIETH Week of the Year 1888.

| CAUSES OF DEATH.                             | Corrected Averages for the 30th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 28th July 1888. |           |      |       |                  |                  |                  |                       | CAUSES OF DEATH.                                      | Corrected Averages for the 30th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 28th July 1888. |           |      |       |                  |                  |                  |                       |   |   |
|--|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|
|  |   | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |                       |   |   | Deaths of Persons of the Ages                |           |      |       |                  |                  |                  |                       |   |   |
|  |   | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   | ALL AGES.                                    | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   |
|  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   |
| ALL CAUSES -                                 | 1880·8  | 1308   | 385       | 186  | 90    | 155              | 206              | 217              | 60                    | Diseases of Organs of Special Sense † -               | 3·5   | 2  | 2         | -    | -     | -                | -                | -                | -                     | - | - |
| Small-pox { Vaccinated † -                   | 10·4  | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System -                      | 89·4  | 92   | 1         | 3    | 7     | 15               | 21               | 36               | 9                     | - | - |
| Unvaccinated -                               |   | -  | -         | -    | -     | -                | -                | -                | -                     | -   | -   | -  | -         | -    | -     | -                | -                | -                | -                     | - | - |
| No Statement -                               |   | -  | -         | -    | -     | -                | -                | -                | -                     | Croup -   | 9·7   | 9  | 1         | 7    | 1     | -                | -                | -                | -                     | - | - |
| Measles -                                    | 53·2  | 40   | 7         | 31   | 2     | -                | -                | -                | -                     | Bronchitis -  | 91·5  | 81   | 31        | 12   | 1     | 2                | 11               | 19               | 3                     | - | - |
| Scarlet Fever -                              | 39·5  | 23   | 3         | 9    | 11    | -                | -                | -                | -                     | Pneumonia -   | 59·4  | 56   | 9         | 16   | 2     | 9                | 11               | 9                | -                     | - | - |
| Typhus -                                     | 0·3   | -  | -         | -    | -     | -                | -                | -                | -                     | Pleurisy -  | 4·9   | 3  | -         | -    | 1     | -                | 2                | -                | -                     | - | - |
| Relapsing Fever † -                          | 0·0   | -  | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System -                | 22·8  | 11   | -         | 4    | -     | -                | 1                | 3                | 3                     | - | - |
| Influenza -                                  | 0·1   | -  | -         | -    | -     | -                | -                | -                | -                     | Dentition † -   | 18·3  | 9  | 7         | 2    | -     | -                | -                | -                | -                     | - | - |
| Whooping-cough -                             | 56·0  | 30   | 16        | 14   | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † -                               | 2·5   | 13   | 7         | -    | 1     | 2                | 1                | 2                | -                     | - | - |
| Diphtheria -                                 | 15·2  | 21   | 3         | 10   | 8     | -                | -                | -                | -                     | Enteritis -   | 16·2  | 12   | 3         | -    | 5     | 3                | -                | 1                | -                     | - | - |
| Simple Continued and Ill-defined Fever -     | 2·1   | 1  | -         | -    | 1     | -                | -                | -                | -                     | Peritonitis -   | 7·5   | 13   | 7         | -    | 1     | 2                | 1                | 2                | -                     | - | - |
| Enteric Fever -                              | 14·9  | 15   | -         | 2    | 3     | 4                | 6                | -                | -                     | Diseases of Liver -                                   | 34·9  | 26   | 3         | -    | 1     | 2                | 10               | 8                | 2                     | - | - |
| Cholera -                                    | 12·6  | 4  | 3         | -    | -     | 1                | -                | -                | -                     | Other Diseases of Digestive System -                  | 31·7  | 34   | 6         | 1    | 1     | 11               | 7                | 7                | 1                     | - | - |
| Diarrhoea, Dysentery -                       | 872·1   | 83   | 63        | 15   | -     | 1                | 4                | 1                | -                     | Diseases of Lymphatic System & of Ductless Glands † - | 2·6   | 1  | -         | -    | 1     | -                | -                | -                | -                     | - | - |
| Remittent Fever † -                          | 0·7   | 1  | -         | 1    | -     | -                | -                | -                | -                     | Diseases of Urinary System -                          | 31·8  | 38   | -         | -    | 3     | 6                | 10               | 17               | 2                     | - | - |
| Lymphobothria -                              | 0·2   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System -                       | 6·5   | 3  | -         | -    | -     | 2                | 1                | -                | -                     | - | - |
| Glanders -                                   | 0·1   | -  | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth -                             | 4·0   | 3  | -         | -    | -     | 3                | -                | -                | -                     | - | - |
| Cowpox and Effects of Vaccination † -        | 0·4   | 1  | 1         | -    | -     | -                | -                | -                | -                     | Diseases of Locomotive System † -                     | 7·2   | 8  | -         | 1    | 2     | 3                | -                | 2                | -                     | - | - |
| Veneral Affections -                         | 15·3  | 8  | 4         | 1    | -     | -                | 3                | -                | -                     | Diseases of Integumentary System -                    | 6·2   | 5  | 1         | -    | 1     | -                | 1                | 2                | -                     | - | - |
| Erysipelas -                                 | 6·1   | 1  | 1         | -    | -     | -                | -                | -                | -                     | <b>VIOLENT DEATHS.‡</b>                               |   |  |           |      |       |                  |                  |                  |                       |   |   |
| Pyæmia and Septicæmia † -                    | 2·3   | 3  | 1         | 1    | -     | 1                | -                | -                | -                     | ACCIDENT.)  |   |  |           |      |       |                  |                  |                  |                       |   |   |
| Puerperal Fever -                            | 4·8   | 2  | -         | -    | 2     | -                | -                | -                | -                     | Fracture and Contusion -                              | 23·3  | 25   | 1         | 4    | 6     | 4                | 4                | 3                | 3                     | - | - |
| Other Zymotic Diseases † -                   | 1·4   | 2  | 1         | -    | 1     | -                | -                | -                | -                     | Gunshot Wound -                                       | 0·9   | -  | -         | -    | -     | -                | -                | -                | -                     | - | - |
| Thrush -                                     | 5·4   | 1  | 1         | -    | -     | -                | -                | -                | -                     | Cut, Stab -   | 0·1   | -  | -         | -    | -     | -                | -                | -                | -                     | - | - |
| Worms and other Parasitical Diseases -       | 0·8   | -  | -         | -    | -     | -                | -                | -                | -                     | Burn and Scald -                                      | 3·9   | 1  | -         | -    | -     | -                | -                | -                | 1                     | - | - |
| Starvation, Want of Breast-milk † -          | 4·1   | 2  | 1         | -    | -     | -                | 1                | -                | -                     | Poison -  | 0·9   | 1  | -         | -    | 1     | -                | -                | -                | -                     | - | - |
| Alcoholism -                                 | 4·4   | 1  | -         | -    | -     | -                | 1                | -                | -                     | Drowning -  | 11·4  | 11   | -         | -    | 6     | 2                | 3                | -                | -                     | - | - |
| Rheumatic Fever, Rheumatism of Heart† -      | 4·2   | 5  | -         | -    | 2     | 1                | 1                | -                | -                     | Suffocation -   | 9·1   | 8  | 6         | -    | -     | 1                | 1                | -                | -                     | - | - |
| Rheumatism † -                               | 2·8   | 1  | -         | -    | -     | 1                | -                | -                | -                     | Otherwise -   | 4·7   | 3  | 2         | -    | -     | 1                | -                | -                | -                     | - | - |
| Gout -                                       | 3·3   | 2  | -         | -    | -     | -                | -                | 1                | 1                     | (HOMICIDE.)   |   |  |           |      |       |                  |                  |                  |                       |   |   |
| Rickets † -                                  | 4·6   | 4  | 1         | 3    | -     | -                | -                | -                | -                     | Murder & Manslaughter -                               | 1·9   | 2  | 2         | -    | -     | -                | -                | -                | -                     | - | - |
| Cancer -                                     | 51·2  | 59   | -         | -    | 6     | 39               | 20               | 3                | -                     | (SUICIDE.)  |   |  |           |      |       |                  |                  |                  |                       |   |   |
| Tabes Mesenterica -                          | 55·3  | 40   | 28        | 7    | 4     | -                | 1                | -                | -                     | Gunshot Wound -                                       | 0·9   | 1  | -         | -    | 1     | -                | -                | -                | -                     | - | - |
| Tubercular Meningitis -                      | 33·9  | 23   | 14        | 8    | 5     | -                | 1                | -                | -                     | Cut, Stab -   | 1·3   | 2  | -         | -    | -     | 1                | -                | 1                | -                     | - | - |
| Phthisis -                                   | 162·4   | 117  | 1         | 4    | 13    | 55               | 35               | 9                | -                     | Poison -  | 2·1   | 4  | -         | -    | -     | 1                | 2                | 1                | -                     | - | - |
| Scrophula, Tuberculosis -                    | 23·8  | 11   | 7         | 2    | 1     | 1                | -                | -                | -                     | Drowning -  | 1·7   | 3  | -         | -    | -     | -                | 3                | -                | -                     | - | - |
| Other Constitutional Diseases † -            | 9·3   | 12   | 1         | -    | -     | 1                | 4                | 6                | -                     | Hanging -   | 1·5   | -  | -         | -    | -     | -                | -                | -                | -                     | - | - |
| Premature Birth -                            | 87·5  | 38   | 33        | -    | -     | -                | -                | -                | -                     | Otherwise -   | 0·9   | 2  | -         | -    | -     | -                | 2                | -                | -                     | - | - |
| Atelectasis † -                              | 1·4   | 3  | 3         | -    | -     | -                | -                | -                | -                     | (EXECUTION.)  |   |  |           |      |       |                  |                  |                  |                       |   |   |
| Congenital Malformations -                   | 8·4   | 6  | 6         | -    | -     | -                | -                | -                | -                     | Hanging -   | 0·0   | -  | -         | -    | -     | -                | -                | -                | -                     | - | - |
| Old Age -                                    | 38·4  | 39   | -         | -    | -     | -                | 16               | 23               | -                     | OTHER CAUSES † -                                      | 99·7  | 43   | 43        | 2    | 1     | 1                | 2                | 2                | 1                     | - | - |
| Apoplexy -                                   | 39·5  | 37   | 1         | 1    | -     | 2                | 13               | 13               | 5                     |   |   |  |           |      |       |                  |                  |                  |                       |   |   |
| Epilepsy -                                   | 7·3   | 8  | -         | 1    | -     | 4                | 1                | 2                | -                     |   |   |  |           |      |       |                  |                  |                  |                       |   |   |
| Convulsions -                                | 64·8  | 44   | 33        | 7    | 1     | -                | -                | -                | -                     |   |   |  |           |      |       |                  |                  |                  |                       |   |   |
| Other Diseases of Brain and Nervous System - | 87·6  | 91   | 13        | 17   | 8     | 5                | 11               | 32               | 2                     |   |   |  |           |      |       |                  |                  |                  |                       |   |   |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9·045 per cent. for increase of population.

† Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

‡ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



**TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending**

| REGISTRATION<br>SUB-DISTRICTS.        |  | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                      |                              |            |           |    | Deaths in Public<br>Institutions. | Un-<br>classified<br>Causes. |  |  |
|---------------------------------------|--|---|--|--|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------------|------------------------------|------------|-----------|----|-----------------------------------|------------------------------|--|--|
|                                       |  |   |  |  | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                      |                              |            |           |    |                                   |                              |  |  |
|                                       |  |   |  |  | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas<br>(or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |    |                                   |                              |  |  |
| LONDON . . . . .                      |  | 3,815,704   | 2353                                   | 1308                                   | 385                                       | 277                                 | -           | 40       | 23             | 21          | 30              | -       | 15                                   | 1                            | 89         | 63        | 89 | 305                               |                              |  |  |
| WEST DISTRICTS.                       |  |   |  |  |   |                                     |             |          |                |             |                 |         |                                      |                              |            |           |    |                                   |                              |  |  |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69833   | 26                                     | 25                                     | 8   | 6                                   | -           | 1        | -              | -           | 1               | -       | 1                                    | -                            | -          | 3         | 4  | 6                                 |                              |  |  |
| St. John Paddington H - - G.J.        |  | 37330   | 12                                     | 8                                      | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | -         | -  | 4                                 |                              |  |  |
| Kensington Town W - - - W.M.          |  | 120141  | 52                                     | 35                                     | 4   | 14                                  | -           | 1        | -              | -           | -               | -       | 1                                    | -                            | -          | 1         | 1  | 12                                |                              |  |  |
| Brompton HH - - - W.M. & C.           |  | 48010   | 19                                     | 11                                     | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 2          | 3         | 3  | -                                 |                              |  |  |
| St. Peter Hammersmith - - - W.M.      |  | 7699  | 3                                      | 3                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | -  | -                                 |                              |  |  |
| St. Paul Hammersmith H W.M. & G.J.    |  | 64340   | 49                                     | 19                                     | 5   | 4                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 2          | 1         | 1  | 1                                 |                              |  |  |
| Fulham W - - - W.M. & C.              |  | 42900   | 61                                     | 26                                     | 11  | 5                                   | -           | 2        | 1              | -           | 1               | -       | -                                    | -                            | 7          | 1         | 1  | 6                                 |                              |  |  |
| Chelsea South HHH - - - C.            |  | 20396   | 14                                     | 6                                      | 8   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Chelsea North-west WHHHHH - C.        |  | 24925   | 13                                     | 8                                      | 3   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | -         | -  | -                                 |                              |  |  |
| Chelsea North-east - - - C.           |  | 32907   | 13                                     | 11                                     | 5   | 2                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | 1          | 2         | 3  | -                                 |                              |  |  |
| May Fair WW - - - G.J.                |  | 80353   | 6                                      | 14                                     | 1   | 6                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 1  | 6                                 |                              |  |  |
| Belgrave WHHH - - - C.                |  | 82920   | 20                                     | 17                                     | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 1         | 1  | 6                                 |                              |  |  |
| St. John Westminster HHH - - C.       |  | 85498   | 19                                     | 8                                      | 4   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 2          | 1         | 1  | 12                                |                              |  |  |
| St. Margaret Westminster H - C.       |  | 24579   | 7                                      | 3                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 2         | 2  | 1                                 |                              |  |  |
| St. James Westminster WHH N.R. & G.J. |  | 20941   | 12                                     | 6                                      | 2   | -                                   | -           | 1        | -              | 1           | -               | -       | -                                    | -                            | -          | -         | 1  | 1                                 |                              |  |  |
| St. Anne Soho HHHHHHH - N.R.          |  | 16608   | 5                                      | 3                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| NORTH DISTRICTS.                      |  |   |  |  |   |                                     |             |          |                |             |                 |         |                                      |                              |            |           |    |                                   |                              |  |  |
| All Souls Marylebone HHHH - W.M.      |  | 26769   | 10                                     | 13                                     | 2   | 5                                   | -           | -        | 1              | 1           | -               | -       | -                                    | -                            | -          | 1         | 1  | 4                                 |                              |  |  |
| Cavendish Square HHHH - W.M.          |  | 14391   | 1                                      | 1                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Rectory Marylebone WH G.J. & W.M.     |  | 24809   | 11                                     | 7                                      | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 2         | 3  | 1                                 |                              |  |  |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118   | 18                                     | 4                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | 1                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Christchurch Marylebone H - W.M.      |  | 33700   | 12                                     | 5                                      | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| St. John Marylebone H - W.M.          |  | 83638   | 11                                     | 8                                      | 3   | 2                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | 2          | -         | -  | -                                 |                              |  |  |
| Hampstead WWHHHH N.R. & W.M.          |  | 45452   | 30                                     | 10                                     | 4   | 5                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Regent's Park Panoras H - - W.M.      |  | 89115   | 20                                     | 8                                      | 3   | 2                                   | -           | -        | -              | -           | -               | -       | 1                                    | -                            | -          | -         | 1  | 1                                 |                              |  |  |
| Tottenham-court WHHHH N.R. & W.M.     |  | 27729   | 15                                     | 9                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Gray's Inn Lane HHH - - - N.R.        |  | 30247   | 18                                     | 13                                     | 2   | 1                                   | -           | -        | -              | -           | 2               | -       | -                                    | -                            | -          | -         | 2  | -                                 |                              |  |  |
| Somers Town H - - - N.R.              |  | 84389   | 22                                     | 16                                     | 10  | 1                                   | -           | 2        | -              | -           | -               | -       | -                                    | -                            | 1          | 4         | 4  | 7                                 |                              |  |  |
| Camden Town WH - - - N.R.             |  | 17811   | 15                                     | 11                                     | 3   | 2                                   | -           | -        | -              | -           | 1               | -       | -                                    | -                            | 1          | 1         | 1  | 9                                 |                              |  |  |
| Kentish Town W - - - N.R.             |  | 87487   | 45                                     | 17                                     | 5   | 4                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | 1          | 1         | 1  | 9                                 |                              |  |  |
| Upper Holloway WWHH - - N.R.          |  | 67948   | 49                                     | 31                                     | 7   | 10                                  | -           | -        | -              | -           | -               | -       | 1                                    | -                            | 2          | -         | -  | -                                 |                              |  |  |
| Islington South-west HH - - N.R.      |  | 100976  | 64                                     | 38                                     | 15  | 4                                   | -           | 1        | -              | 1           | -               | -       | -                                    | -                            | -          | -         | 1  | 16                                |                              |  |  |
| Islington South-east - - N.R.         |  | 61825   | 53                                     | 24                                     | 9   | 6                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 6          | -         | -  | -                                 |                              |  |  |
| Highbury H - - - N.R.                 |  | 52048   | 37                                     | 5                                      | 1   | 3                                   | -           | -        | -              | 1           | 1               | -       | 1                                    | -                            | 3          | -         | -  | -                                 |                              |  |  |
| Stoke Newington H - - - N.R.          |  | 27381   | 15                                     | 4                                      | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Stamford Hill - - - E.L.              |  | 9277  | 5                                      | 5                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | -         | -  | -                                 |                              |  |  |
| West Hackney H - - - N.R.             |  | 87610   | 20                                     | 13                                     | 3   | 5                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | 1         | 1  | 1                                 |                              |  |  |
| Hackney WWHH - - - E.L. & N.R.        |  | 78911   | 44                                     | 47                                     | 10  | 8                                   | -           | 2        | 7              | 3           | 3               | -       | 3                                    | -                            | 1          | 1         | 1  | 2                                 |                              |  |  |
| South Hackney - - - E.L.              |  | 39388   | 31                                     | 8                                      | 4   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | 2         | 2  | 13                                |                              |  |  |
| CENTRAL DISTRICTS.                    |  |   |  |  |   |                                     |             |          |                |             |                 |         |                                      |                              |            |           |    |                                   |                              |  |  |
| St. George Bloomsbury - - - N.R.      |  | 16681   | 3                                      | 3                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| St. Giles South WH - - - N.R.         |  | 14934   | 8                                      | 5                                      | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| St. Giles North - - - N.R.            |  | 18337   | 4                                      | 3                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | 1         | 1  | 2                                 |                              |  |  |
| St. Martin-in-the-Fields HH N.R. & C. |  | 17808   | 11                                     | 14                                     | 2   | 4                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| St. Mary-le-Strand H - - - N.R.       |  | 7515  | 2                                      | 1                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | 2         | 2  | 5                                 |                              |  |  |
| St. Clement Danes H - - - N.R.        |  | 8559  | 4                                      | 8                                      | 3   | 1                                   | -           | -        | -              | 1           | -               | -       | -                                    | -                            | 1          | 1         | 1  | -                                 |                              |  |  |
| Strand Union Workhouse, Edmonton w.   |  | -   | -                                      | 3                                      | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | 7  | -                                 |                              |  |  |
| St. Geo.-the-Martyr HHHHHHH N.R.      |  | 18971   | 6                                      | 5                                      | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | 3                                 |                              |  |  |
| St. Andrew Eastern W - - - N.R.       |  | 10706   | 3                                      | 6                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | 5                                 |                              |  |  |
| Saffron Hill H - - - N.R.             |  | 6533  | 8                                      | 2                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | -         | -  | -                                 |                              |  |  |
| St. James Clerkenwell - - - N.R.      |  | 17516   | 10                                     | 7                                      | 5   | -                                   | -           | -        | -              | 1           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Amwell Clerkenwell - - - N.R.         |  | 19231   | 13                                     | 9                                      | 3   | 3                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | 2          | 1         | 1  | -                                 |                              |  |  |
| Pentonville - - - N.R.                |  | 14773   | 7                                      | 6                                      | 3   | 1                                   | -           | -        | 1              | -           | -               | -       | -                                    | -                            | 1          | 1         | 1  | -                                 |                              |  |  |
| Goswell-street - - - N.R.             |  | 17606   | 7                                      | 6                                      | 2   | 2                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Old-street H - - - N.R.               |  | 11341   | 3                                      | 1                                      | 1   | 1                                   | -           | -        | -              | -           | 1               | -       | -                                    | -                            | 1          | -         | -  | -                                 |                              |  |  |
| City-road HHL - - - N.R.              |  | 18623   | 16                                     | 7                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | 1          | -         | -  | -                                 |                              |  |  |
| Whitecross-street - - - N.R.          |  | 9217  | 2                                      | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Finsbury - - - N.R.                   |  | 7463  | 2                                      | 1                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Holborn Union Workhouse, Mitcham, w.  |  | -   | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| St. Botolph H - - - N.R. & E.L.       |  | 11174   | 2                                      | 3                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Cripplegate - - - N.R.                |  | 7193  | 4                                      | 2                                      | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| St. Sepulchre H - - - N.R.            |  | 5358  | 2                                      | 13                                     | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| St. Bride W - - - N.R.                |  | 8396  | 1                                      | 1                                      | -   | -                                   | -           | -        | 2              | -           | -               | 1       | -                                    | -                            | -          | 1         | 1  | 11                                |                              |  |  |
| Allhallows Barking - - - N.R.         |  | 13696   | -                                      | 2                                      | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |
| Broad Street H - - - N.R.             |  | 8653  | 2                                      | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -          | -         | -  | -                                 |                              |  |  |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W Workhouse; H—Hospital; L—Lunatic Asylum; &c.—A Workhouse Establishment receiving inmates from other Districts than that in which it stands see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E.L. East London; and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
day, the 28th July, 1888.

| The DEATHS registered in the Week include |             |                                |                                |                               |                                  |            |          |               |             |                 |         |                         |                          |            |           |                |                                 |                             |   |
|---|-------------|--------------------------------|--------------------------------|-------------------------------|----------------------------------|------------|----------|---------------|-------------|-----------------|---------|-------------------------|--------------------------|------------|-----------|----------------|---------------------------------|-----------------------------|---|
| REGISTRATION SUB-DISTRICTS.               |             | Enu-merated Popu-lation, 1881. | Total burials during the Week. | Total DEATHS during the Week. | Deaths from                      |            |          |               |             |                 |         |                         |                          |            |           |                |                                 |                             |   |
|   |             |                                |                                | Infants under 1 Year of Age.  | Persons aged 20 Years & upwards. | Small-pox. | Malaria. | Seriet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or Typhoid) F. | Simple con-tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Pub-lic Institutions. | Uncertified Cause of Death. |   |
| <b>EAST DISTRICTS.</b>                    |             |                                |                                |                               |                                  |            |          |               |             |                 |         |                         |                          |            |           |                |                                 |                             |   |
| Well Shoreditch                           | N.R. & E.L. | 7376                           | 4                              | 6                             | 1                                | 1          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| Conard Shoreditch                         | HL*         | 14967                          | 6                              | -                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| London New Town W                         | -           | 29837                          | 17                             | 15                            | 2                                | 5          | -        | 3             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| London Old Town                           | -           | 28036                          | 14                             | 14                            | 5                                | 1          | -        | 1             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| Barnston WH                               | N.R. & E.L. | 46276                          | 35                             | 50                            | 6                                | 4          | -        | -             | 1           | -               | -       | 1                       | -                        | -          | -         | -              | -                               | -                           | - |
| Coney-road H-                             | -           | 26738                          | 24                             | 8                             | 2                                | 1          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Bethnal Green WHL*                    | E.L.        | 47539                          | 35                             | 12                            | 2                                | 2          | -        | -             | -           | -               | -       | -                       | -                        | -          | 1         | -              | -                               | 8                           | - |
| St. Bethnal Green                         | -           | 29681                          | 10                             | 9                             | 2                                | 1          | -        | 1             | -           | -               | -       | -                       | -                        | -          | 2         | -              | 1                               | -                           | - |
| St. Bethnal Green                         | -           | 18910                          | 12                             | 6                             | 4                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | 2         | -              | 4                               | -                           | - |
| Alfields -                                | E.L. & N.R. | 22585                          | 22                             | 10                            | 5                                | 1          | -        | -             | -           | -               | -       | -                       | -                        | 2          | -         | -              | -                               | 4                           | 1 |
| End New Town W                            | -           | 15472                          | 18                             | 7                             | 2                                | 2          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Michael Church H                      | E.L. & N.R. | 17490                          | 12                             | 22                            | 2                                | 4          | -        | -             | 1           | -               | -       | -                       | -                        | 1          | -         | -              | 20                              | -                           | - |
| St. Martin's Fields -                     | E.L.        | 9713                           | 4                              | -                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. George's -                            | N.R. & E.L. | 6102                           | 3                              | -                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. George's North                        | -           | 38747                          | 19                             | 17                            | 10                               | 3          | -        | 2             | -           | -               | -       | -                       | 1                        | 4          | -         | 1              | 1                               | 3                           | - |
| St. John St. George East W                | E.L.        | 8410                           | 9                              | 7                             | 1                                | 3          | -        | 1             | -           | -               | -       | -                       | -                        | -          | 1         | -              | -                               | -                           | - |
| St. James' HH                             | E.L. & N.R. | 10393                          | 10                             | 7                             | 5                                | -          | -        | 1             | -           | 1               | -       | -                       | -                        | -          | 1         | -              | -                               | 4                           | - |
| St. John -                                | E.L.        | 16107                          | 15                             | 6                             | 4                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | 1              | 1                               | -                           | - |
| St. Luke -                                | E.L.        | 32041                          | 22                             | 6                             | 2                                | 1          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Mary -                                | E.L.        | 37960                          | 16                             | 7                             | 4                                | 2          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | 4                           | - |
| St. Paul -                                | E.L.        | 67655                          | 35                             | 15                            | 3                                | 5          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Peter -                               | E.L.        | 37074                          | 27                             | 4                             | 1                                | 1          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | 1                               | -                           | - |
| St. Vincent -                             | E.L.        | 64859                          | 43                             | 30                            | 6                                | 8          | -        | 2             | -           | -               | -       | 1                       | -                        | 1          | -         | 1              | 16                              | 1                           | - |
| St. George -                              | E.L.        | 65077                          | 43                             | 17                            | 6                                | 1          | -        | 2             | -           | -               | 1       | -                       | -                        | -          | 2         | 5              | -                               | -                           | - |
| <b>SOUTH DISTRICTS.</b>                   |             |                                |                                |                               |                                  |            |          |               |             |                 |         |                         |                          |            |           |                |                                 |                             |   |
| St. Andrew Southwark WH                   | L. & S.     | 18663                          | 9                              | 4                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | 2          | -         | -              | 1                               | -                           | - |
| St. Saviour Southwark                     | S.          | 14149                          | 12                             | 3                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | 1          | -         | -              | -                               | -                           | - |
| St. Andrew Road                           | F. & L.     | 21881                          | 12                             | 9                             | 5                                | 2          | -        | -             | -           | 2               | -       | -                       | -                        | -          | -         | -              | -                               | 2                           | - |
| St. Andrew Church WH                      | S. & L.     | 18963                          | 9                              | 7                             | 3                                | 2          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | 1                               | -                           | - |
| St. Andrew Church HL                      | L. & S.     | 21218                          | 12                             | 7                             | 6                                | 2          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Andrew Church HL                      | S. & L.     | 20772                          | 8                              | 7                             | 3                                | -          | -        | -             | -           | 2               | -       | -                       | -                        | 1          | -         | 1              | 1                               | 2                           | - |
| St. Andrew Church HL                      | S. & L.     | 35663                          | 35                             | 21                            | 10                               | 4          | -        | 1             | 1           | -               | -       | -                       | -                        | 3          | -         | -              | -                               | -                           | - |
| St. Mary Newington W                      | L. & S.     | 21623                          | 22                             | 10                            | 5                                | 1          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Olive WH                              | -           | 11956                          | 3                              | 19                            | 2                                | 3          | -        | -             | 2           | -               | -       | -                       | -                        | 1          | 5         | 6              | 14                              | -                           | - |
| St. Peter Market                          | S. & L.     | 16300                          | 10                             | 6                             | 4                                | 1          | -        | -             | -           | -               | -       | -                       | -                        | -          | 1         | 2              | 1                               | -                           | - |
| St. Mary Magdalen W                       | -           | 17669                          | 12                             | 7                             | 1                                | 2          | -        | -             | -           | -               | -       | -                       | -                        | -          | 2         | 1              | 1                               | -                           | - |
| St. James Bermondsey                      | S.          | 24085                          | 27                             | 17                            | 6                                | 4          | -        | -             | -           | -               | -       | -                       | -                        | 2          | 2         | 1              | 2                               | 2                           | - |
| St. Herbert WH                            | S. & K.     | 50224                          | 19                             | 18                            | 4                                | 3          | -        | 1             | 1           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Peterloo-road 1st H                   | L. & S.     | 16195                          | 6                              | 5                             | 1                                | 1          | -        | -             | -           | 1               | -       | -                       | -                        | 1          | -         | -              | -                               | -                           | - |
| St. Peterloo-road 2nd H                   | L. & S.     | 16731                          | 14                             | 4                             | 3                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Andrew Church 1st H                   | L. & S.     | 18776                          | 12                             | 15                            | 1                                | 2          | -        | 1             | -           | -               | -       | -                       | -                        | -          | 1         | 2              | 12                              | -                           | - |
| St. Andrew Church 2nd H W                 | L. & S.     | 18589                          | 27                             | 19                            | 7                                | 3          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | 1              | 1                               | 9                           | - |
| St. Andrew Church 1st                     | S. & L.     | 45392                          | 22                             | 9                             | 4                                | 3          | -        | 1             | -           | -               | -       | -                       | -                        | 1          | 2         | 1              | -                               | -                           | - |
| St. Andrew Church 2nd                     | S. & L.     | 30382                          | 10                             | 7                             | 1                                | 3          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Andrew Church W                       | L. & S.     | 62887                          | 43                             | 16                            | 4                                | 2          | -        | 1             | 3           | 2               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Andrew Church W                       | L.          | 18017                          | 11                             | 3                             | -                                | 1          | -        | 1             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Batterssea                            | S.          | 24675                          | 58                             | 17                            | 6                                | 1          | -        | 2             | -           | 1               | -       | -                       | -                        | 1          | -         | -              | 2                               | -                           | - |
| St. Batterssea W W H                      | S.          | 61887                          | 45                             | 22                            | 5                                | 8          | -        | 1             | -           | -               | -       | -                       | -                        | 1          | -         | 1              | 4                               | -                           | - |
| St. Batterssea H                          | S.          | 56360                          | 28                             | 9                             | 4                                | 3          | -        | -             | -           | -               | -       | -                       | -                        | -          | 1         | -              | -                               | -                           | - |
| St. Batterssea WHL                        | S.          | 26004                          | 29                             | 15                            | 4                                | 8          | -        | 2             | -           | -               | -       | -                       | -                        | -          | 4         | -              | 4                               | -                           | - |
| St. Batterssea                            | S.          | 12355                          | 10                             | 3                             | 1                                | -          | -        | -             | -           | -               | -       | 1                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Batterssea                            | L.          | 26533                          | 32                             | 11                            | 4                                | -          | -        | -             | 1           | 2               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Batterssea                            | L. & S.     | 5590                           | -                              | 2                             | -                                | -          | -        | -             | 1           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Batterssea W W L                      | S. & L.     | 59104                          | 45                             | 24                            | 5                                | 8          | -        | -             | 1           | 1               | -       | -                       | -                        | -          | 2         | -              | 1                               | -                           | - |
| St. Batterssea W                          | S. & K.     | 71659                          | 53                             | 19                            | 9                                | 3          | -        | -             | -           | 2               | -       | -                       | -                        | 3          | -         | -              | -                               | -                           | - |
| St. Batterssea                            | L. & S.     | 66810                          | 61                             | 18                            | 6                                | 1          | -        | 1             | -           | 1               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford W W                     | K.          | 76722                          | 64                             | 28                            | 7                                | 5          | -        | 6             | -           | 2               | -       | -                       | -                        | 4          | 1         | 1              | 6                               | -                           | - |
| St. Paul Deptford                         | K.          | 7101                           | 4                              | 3                             | 1                                | -          | -        | -             | -           | -               | -       | -                       | -                        | 1          | 1         | -              | -                               | -                           | - |
| St. Paul Deptford                         | K.          | 21972                          | 15                             | 7                             | 2                                | 2          | -        | -             | -           | -               | -       | -                       | 1                        | -          | -         | -              | 5                               | -                           | - |
| St. Paul Deptford                         | K.          | 24608                          | 21                             | 9                             | 2                                | 5          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford                         | K.          | 1048                           | 5                              | -                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford                         | K.          | 21619                          | 8                              | 4                             | -                                | 2          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford                         | K.          | 18865                          | 15                             | 9                             | 3                                | 3          | -        | -             | -           | -               | -       | -                       | -                        | 2          | -         | -              | 1                               | -                           | 3 |
| St. Paul Deptford                         | L.          | 20076                          | 12                             | 14                            | 5                                | 2          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford                         | K.          | 10630                          | 3                              | 4                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | 2                           | - |
| St. Paul Deptford                         | K.          | 17617                          | 5                              | 3                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford                         | K.          | 18045                          | 13                             | 5                             | 1                                | -          | -        | 1             | -           | -               | -       | -                       | -                        | -          | -         | -              | 1                               | -                           | - |
| St. Paul Deptford                         | K.          | 14069                          | 7                              | 2                             | 1                                | 1          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford                         | K.          | 14241                          | 26                             | 17                            | 3                                | 6          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | 8              | 3                               | 8                           | 1 |
| <b>TROPICAL ASYLUM HOSPITALS:</b>         |             |                                |                                |                               |                                  |            |          |               |             |                 |         |                         |                          |            |           |                |                                 |                             |   |
| St. Paul Deptford                         | -           | -                              | -                              | -                             | -                                | -          | 1        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford                         | -           | -                              | -                              | -                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford                         | -           | -                              | -                              | -                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |
| St. Paul Deptford                         | -           | -                              | -                              | -                             | -                                | -          | -        | -             | -           | -               | -       | -                       | -                        | -          | -         | -              | -                               | -                           | - |

the following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

Table of :-

|   |  |
|---|--|
| Marplebone Infirmary in Kensington Town sub-district.             |  |
| Central London Sick Asylum, in Tottenham Court-road sub-district. |  |
| Holborn Infirmary in Upper Holloway sub-district.                 |  |
| London City Workhouse " Islington sub-district.                   |  |
| Holborn " " Hoxton New Town sub-district.                         |  |
| Whitechapel " " Mile End Old Town Eastern sub-dist.               |  |
| London City " " Mile End Old Town Eastern sub-dist.               |  |
| " " " Mile End Old Town Eastern sub-dist.                         |  |
| " " " Mile End Old Town Eastern sub-dist.                         |  |
| Private Lunatic Asylums in which paupers are received.            |  |

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum " West Battersea sub-district.  
Westminster Union Industrial School in " London.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Putnam, Hampstead, Hack-  
ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,  
Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 28th July, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |                      |  |
|---|----------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|----------------------|--|
|   |                                  |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |                      |  |
|   |                                  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unclassified Causes. |  |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957   | 709     | 262     | 65  | 68                                  | -           | 2        | 3              | 3           | 11              | 2      | 7          | 8         | 15             | 30                                | 1                    |  |
| 30:1  | Carshalton wL -                  | 12228  | 21118   | 11      | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 2   | Epsom (part of)* wW <sup>H</sup> | 9971   | 10710   | 5       | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 | -                    |  |
| 37:1  | Godstone (part of)* -            | 2754   | 1235  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 38:1  | Croydon wW <sup>HLL</sup> -      | 20851  | 101241  | 53      | 17      | 4   | 4                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | 3                                 | -                    |  |
| 2   | Mitcham w† -                     | 11697  | 17932   | 14      | 5       | 1   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                    |  |
| 39:1  | Wimbledon HHH -                  | 3220   | 15350   | 14      | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                    |  |
| 2   | Kingston WHH -                   | 5549   | 36354   | 17      | 9       | 3   | 2                                   | -           | -        | 1              | -           | 1               | 1      | -          | -         | -              | 2                                 | -                    |  |
| 3   | Esher (part of)* -               | 6201   | 9221  | 5       | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                    |  |
| 4   | Hampton H -                      | 4573   | 18539   | 16      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 40:1  | Richmond WH -                    | 2272   | 21302   | 9       | 7       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 | -                    |  |
| 2   | Mortlake -                       | 2911   | 12331   | 6       | 5       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 41:1  | Bromley (pt. of)* HH             | 15669  | 31142   | 17      | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 2   | Chislehurst (pt. of)* WHH        | 14307  | 15814   | 7       | 2       | -   | -                                   | -           | -        | -              | -           | 1               | -      | 1          | 1         | 1              | 1                                 | -                    |  |
| 42:1  | Bexley H -                       | 13437  | 24134   | 20      | 4       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                    |  |
| 2   | Dartford (W, pts. of)* -         | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 124:1   | Sunbury w -                      | 11055  | 11685   | 7       | 2       | 1   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                    |  |
| 2   | Staines W -                      | 13277  | 12089   | 5       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 125:1   | Hillingdon WHH -                 | 6029   | 10302   | 9       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                    |  |
| 2   | Uxbridge -                       | 6173   | 3225  | 1       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 3   | Hayes wLL -                      | 14587  | 11523   | 12      | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 126:1   | Isleworth WHH -                  | 7003   | 22737   | 10      | 11      | 2   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1              | 2                                 | -                    |  |
| 2   | Twickenham H -                   | 2477   | 12479   | 3       | 5       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 3         | 3              | -                                 | -                    |  |
| 3   | Brentford HL -                   | 4545   | 27349   | 12      | 9       | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                    |  |
| 4   | Chiswick -                       | 1340   | 1575  | 9       | 6       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                    |  |
| 5   | Acton wH -                       | 6983   | 22376   | 12      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 127:1   | Harrow H -                       | 13309  | 12756   | 9       | 2       | -   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                    |  |
| 2   | Edgware H -                      | 6994   | 3749  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 3   | Willesden -                      | 4385   | 27453   | 27      | 13      | 7   | 2                                   | -           | -        | 1              | -           | 1               | -      | 2          | -         | 2              | -                                 | -                    |  |
| 4   | Hendon W -                       | 8382   | 10484   | 9       | 4       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                    |  |
| 128:1   | South Mumps -                    | 15699  | 6391  | 4       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 2   | Barnet -                         | 5432   | 19092   | 6       | 1       | 1   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                    |  |
| 3   | Finchley HL -                    | 4528   | 17615   | 16      | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 3                                 | -                    |  |
| 129:1   | Hornsey H -                      | 3739   | 37078   | 24      | 10      | 4   | 4                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                    |  |
| 2   | Tottenham H -                    | 4942   | 46454   | 52      | 15      | 3   | 4                                   | -           | -        | -              | -           | 3               | -      | -          | -         | -              | 1                                 | -                    |  |
| 3   | Edmonton wW† -                   | 7123   | 23433   | 13      | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 | -                    |  |
| 4   | Enfield WH -                     | 12653  | 19104   | 14      | 4       | 2   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -                    |  |
| 5   | Waltham Abbey -                  | 11017  | 3363  | 6       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 6   | Clusham -                        | 8480   | 7725  | 1       | 4       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 135:1   | Hatfield (part of)* -            | 3306   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 137:1   | Bushey -                         | 9331   | 6621  | 4       | 3       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 2   | Watford (W, pt. of)* -           | -  | -   | -       | -       | 1   | -                                   | 1           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                    |  |
| 136:1   | Stratford -                      | 882  | 38606   | 23      | 10      | 4   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 2   | West Ham wWw <sup>H</sup> † -    | 7351   | 101053  | 102     | 32      | 7   | 2                                   | -           | -        | 1              | 1           | -               | -      | 3          | -         | -              | 1                                 | -                    |  |
| 3   | Leyton wW -                      | 4372   | 32430   | 49      | 12      | 2   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 5                                 | -                    |  |
| 4   | Walthamstow H -                  | 6530   | 28839   | 42      | 14      | 5   | 2                                   | -           | 1        | -              | 2           | 1               | -      | -          | -         | -              | 1                                 | 1                    |  |
| 137:1   | Chigwell (part of)* H            | 11761  | 9689  | 6       | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                    |  |
| 2   | Epping (W, pt. of)* -            | -  | -   | 5       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 | -                    |  |
| 139:1   | Romford (part of)* W             | 6730   | 3411  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 2   | Ilford -                         | 3493   | 7643  | 6       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |
| 3   | Barking Town -                   | 4127   | 9203  | 10      | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                    |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Nornaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district; 42:2, Dartford, 137:2, Watford, and 187:1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 28th July, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16. |  |                                   |
| ATER LONDON               | 448,334  | 5,527,886                                      | 14.8  | 2.3                                   | 1570                             | 450                                       | 345  | -           | 42       | 26                | 24          | 41                  | 18     | 96        | 71        | 335 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 15.9  | 2.7                                   | 1308                             | 385                                       | 277  | -           | 40       | 23                | 21          | 30                  | 16     | 89        | 63        | 305 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 11.0  | 1.2                                   | 262                              | 65  | 68   | -           | 2        | 3                 | 3           | 11                  | 2      | 7         | 8         | 30  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 6,522 square miles, which is equivalent to the area of a circle having a radius of 14,333 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,287,049 Persons.

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. | BIRTHS.                 | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                         |
|------------------------------|---------------------------------------|-----------------|-------------------------|---------|------------------------------------|--|
|                              |                                       | Week ending     | Exclusive of Stillborn. |         |                                    |  |
| CALCUTTA                     | 438,219                               | June 16         | -                       | 202     | 24.3                               | Fevers 50; cholera 11.                                 |
| BOMBAY                       | 773,196                               | July 3          | 329                     | 389     | 22.4                               | Fevers 126; cholera 8; small-pox 2.                    |
| MADRAS                       | 398,777                               | June 15         | 257                     | 274     | 35.8                               | Fevers 54; cholera 2; sm.-pox 1; diar. dis. 40.        |
| PARIS                        | 2,200,945                             | July 21         | 1234                    | 859     | 19.8                               | Typd. fev. 15; measles 22; diph. and croup 30.         |
| BRUSSELS (with 8 Faubourgs.) | 462,069                               | " 21            | 267                     | 150     | 16.9                               | Meas. 4; tp. & tpd. fv. 2; diarrhoeal diseases 10.     |
| AMSTERDAM                    | 390,016                               | " 21            | 250                     | 153     | 20.4                               | Diphtheria 3.  |
| ROTTERDAM                    | 193,658                               | " 21            | 136                     | 62      | 16.5                               | Whooping-cough 2.                                      |
| THE HAGUE                    | 149,477                               | " 21            | 91                      | 57      | 19.8                               | -  |
| COPENHAGEN                   | 300,000                               | " 17            | 204                     | 98      | 17.0                               | Scarlet fever 5; diphtheria 7; wh.-cough 3.            |
| STOCKHOLM                    | 221,549                               | " 14            | 127                     | 69      | 16.2                               | Scarlet fever 3; diphtheria and croup 2.               |
| CHRISTIANIA                  | 134,000                               | " 21            | 74                      | 48      | 18.4                               | Scarlet fever 2; diph. and croup 10.                   |
| ST. PETERSBURG               | 928,016                               | " 14            | -                       | 546     | 30.7                               | Typhus and typd. fev. 20; meas. 41; diarr. dis. 83.    |
| BERLIN                       | 1,413,603                             | July 7          | 887                     | 645     | 23.5                               | Measles 9; diph. 14; diarrhoeal diseases 169.          |
| HAMBURG (State)              | 429,091                               | " 14            | 341                     | 264     | 23.0                               | Measles 30; diph. and croup 10; diarr. dis. 32.        |
| DRESDEN                      | 259,142                               | " 14            | 139                     | 96      | 19.3                               | Measles 2; diph. and croup 3; diar. dis. 12.           |
| BRESLAU                      | 313,451                               | " 21            | 216                     | 178     | 30.3                               | Diph. 11; diarr. dis. 29.                              |
| MUNICH                       | 275,000                               | " 14            | 184                     | 142     | 23.9                               | Scar. fev. 3; dip. & cp. 3; diarrhoeal diseases 41.    |
| VIENNA                       | 809,836                               | " 14            | 454                     | 337     | 21.9                               | Meas. 9; diph. 6; sc. fv. 6; diarrhoeal dis. 42.       |
| PRAGUE                       | 295,857                               | " 14            | -                       | 167     | 29.5                               | Small-pox 11; meas. 13; diphtheria 2.                  |
| BUDA-PESTH                   | 442,787                               | " 14            | 273                     | 268     | 31.5                               | Scar. fev. 2; typ. & typd. fev. 3; diar. dis. 42.      |
| TRIESTE                      | 150,042                               | " 14            | -                       | 83      | 27.7                               | Small-pox 7; diph. and croup 2; diar. dis. 11.         |
| ROME                         | 382,973                               | June 9          | 178                     | 190     | 25.5                               | Typd. fev. 3; diph. 4; diarrhoeal diseases 30.         |
| TURIN (10 days)              | 194,826                               | " 20            | 208                     | 190     | 23.5                               | Typd. fev. 3; diph. 2; diarrhoeal diseases 28.         |
| VENICE                       | 150,502                               | July 14         | 79                      | 61      | 21.1                               | Typd. fev. 2; diarrhoeal diseases 15.                  |
| CAIRO                        | 374,838                               | " 5             | 310                     | 550     | 76.6                               | Meas. 43; typhd. fev. 19; diar. dis. 224.              |
| ALEXANDRIA                   | 231,396                               | " 5             | 183                     | 180     | 40.6                               | Typd. fev. 2; diar. dis. 61.                           |
| NEW YORK                     | 1,493,000                             | " 7             | -                       | 905     | 31.6                               | Meas. 20; scar. fev. 23; diph. 33; diar. dis. 282.     |
| BROOKLYN                     | 774,870                               | " 7             | -                       | 492     | 32.3                               | Scarlet fev. 5; diph. 9; diarrhoeal diseases 177.      |
| PHILADELPHIA                 | 1,016,753                             | " 7             | -                       | 423     | 21.7                               | Infant. chol. 71; typd. fev. 9; sc. fev. 4; sm.-pox 3. |
| BALTIMORE                    | 437,155                               | " 7             | -                       | 241     | 29.1                               | Infantile cholera 87; whooping-cough 4.                |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 28th JULY, 1888.  
[Under the Superintendence of the Astronomer Royal.]

[illegible]

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 31. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, AUGUST 4. [Price 1½d.

General Register Office, Somerset House,  
7th August, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·0 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |             |             |            | TOWNS.             | Weeks ending |             |             |            |
|--------------|--------------|-------------|-------------|------------|--------------------|--------------|-------------|-------------|------------|
|              | July<br>14.  | July<br>21. | July<br>28. | Aug.<br>4. |                    | July<br>14.  | July<br>21. | July<br>28. | Aug.<br>4. |
| Birkenhead   | 13·6         | 13·6        | 13·6        | 17·2       | Liverpool -        | 16·8         | 15·3        | 17·1        | 18·6       |
| Birmingham   | 14·8         | 16·1        | 13·2        | 15·8       | London -           | 15·7         | 15·8        | 15·9        | 15·9       |
| Blackburn -  | 11·4         | 13·2        | 16·7        | 13·2       | Manchester -       | 23·7         | 21·1        | 20·3        | 21·9       |
| Bolton -     | 28·5         | 18·9        | 22·1        | 13·3       | Newcastle-on-Tyne* | 15·1         | 14·4        | 18·4        | 13·8       |
| Bradford*    | 16·1         | 16·1        | 12·7        | 13·6       | Norwich -          | 15·0         | 15·6        | 12·8        | 13·4       |
| Brighton -   | 11·7         | 12·2        | 8·3         | 10·0       | Nottingham*        | 13·3         | 12·7        | 12·0        | 12·7       |
| Bristol -    | 10·6         | 16·4        | 13·6        | 9·0        | Oldham -           | 17·7         | 18·9        | 16·6        | 15·9       |
| Cardiff*     | 14·9         | 13·5        | 16·3        | 12·0       | Plymouth -         | 12·8         | 14·8        | 14·8        | 16·8       |
| Derby -      | 14·1         | 13·0        | 8·1         | 13·0       | Portsmouth -       | 13·8         | 16·1        | 16·4        | 14·6       |
| Halifax -    | 18·2         | 16·3        | 25·4        | 18·2       | Preston -          | 15·7         | 20·2        | 14·1        | 19·7       |
| Huddersfield | 11·4         | 14·3        | 22·3        | 21·1       | Salford*           | 14·3         | 19·4        | 16·4        | 18·0       |
| Hull -       | 12·4         | 12·9        | 14·4        | 12·4       | Sheffield -        | 13·1         | 15·9        | 15·9        | 18·8       |
| Leeds -      | 17·5         | 18·9        | 16·6        | 16·5       | Sunderland -       | 19·0         | 14·2        | 15·8        | 13·4       |
| Leicester*   | 15·6         | 14·9        | 12·4        | 18·1       | Wolverhampton -    | 16·0         | 19·8        | 16·0        | 19·2       |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Wolverhampton and 1·8 in Leicester; from *scarlet fever*, 1·1 in Huddersfield and 1·8 in Blackburn; from *whooping-cough*, 1·0 in Birmingham, 1·1 in Norwich and in Manchester, and 1·3 in Halifax; from "*fever*," 1·0 in Birkenhead; and from *diarrhœa*, 1·9 in Leeds, 2·0 in Liverpool and in Preston, 2·5 in Leicester, and 2·6 in Sheffield. The 27 deaths from *diphtheria* in these twenty-eight towns included 19 in London and 3 in Manchester. *Small-pox* caused 2 deaths in Preston, one in Oldham, one in Sheffield, and one in Hull, but not one in London or in any of the twenty-three other great towns.

### LONDON.

In LONDON† 2530 BIRTHS and 1309 DEATHS were registered. Allowing for increase of population, the births were 87, and the deaths 473, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·7, 15·8, and 15·9 in the three preceding weeks, was again 15·9 last week. During the first five weeks of the current quarter the death-rate averaged 15·6 per 1000, and was 6·0 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1309 deaths included 29 from measles, 18 from scarlet fever, 19 from diphtheria, 25 from whooping-cough, 9 from enteric fever, 121 from diarrhœa and dysentery, 4 from cholera and choleraic diarrhœa, and not one from small-pox, typhus, or ill-defined forms of continued fever; thus, 225 deaths were referred to these diseases, being 278 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; only 2 small-pox patients were under treatment in the Metropolitan Asylum Hospitals on Saturday last, and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 25 and 40 in the two preceding weeks, declined again last week to 29, and were 21 below the corrected average; 5 belonged to Pancras, and 4 to Clerkenwell sanitary areas. The 18 deaths from *scarlet fever* showed a decline of 5 from the number in the previous week, and were 19 below the corrected average; 2 belonged to Pancras, 3 to Islington, 2 to Battersea, and 2 to Greenwich sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 828 scarlet fever patients, against numbers declining in the four preceding weeks from 924 to 861; 73 cases were admitted during the week, against 105 and 87 in the two previous weeks. The fatal cases of *diphtheria*, which had been 15 and 21 in the two preceding weeks, were last week 19, and exceeded the corrected average by 7; 3 belonged to Pancras, 2 to Marylebone, 2 to Lambeth, and 2 to Battersea sanitary areas. The 25 deaths from *whooping-cough* showed a further decline from recent weekly numbers, and were 25 below the corrected average; 4 belonged to Lambeth sanitary area. The deaths attributed to *diarrhœa* and *dysentery*, which had been 62 and 89 in the two previous weeks, further rose last week to 121, but were 195 below the corrected average; 116 were of children under five years of age, including 105 of infants under one year of age. The deaths of 4 infants under two years of age were referred to *infantile cholera* or *choleraic diarrhœa*.

The deaths from *enteric fever*, which had been 8 and 15 in the two preceding weeks, declined again last week to 9, and were 4 below the corrected average; 2 belonged to Poplar sanitary area. The Metropolitan Asylum Hospitals contained 79 cases of enteric fever, but not one of typhus, on Saturday last; 6 cases of enteric fever were admitted during the week, against 9 and 10 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 166 and 160 in the two preceding weeks, rose last week to 167, but were 25 below the corrected average.

Different forms of violence caused 49 deaths; 42 were the result of negligence or accident, among which were 17 from fractures and contusions, 5 from burns and scalds, 5 from drowning, and 9 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused:—4 by accident from vehicles in the street; 3 by fall down stairs; 1 by fall from bed; 1 by fall from roof; 1 by fall into ship's hold; 1 by fall from swing; 1 by fall in road; 1 by fall against drawers; 1 by fall of bale; 2 by falls, the nature of which was not stated; and 1 by an unstated form of fracture. An inquest was held in each of these 17 cases except the last, which was certified by a registered medical practitioner. Six cases of suicide were registered, the corrected average being 8.

#### GREATER LONDON.

In Greater London 3318 births and 1593 deaths were registered, corresponding to annual rates of 31·3 and 15·0 per 1000 of the estimated population. In the Outer Ring 16 deaths from diarrhœa, 9 from whooping-cough, 5 from diphtheria, and 5 from measles were registered. The fatal cases of diphtheria included 2 in Croydon and 2 in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·75 ins.; the lowest reading was 29·25 ins. on Monday afternoon, and the highest 30·07 ins. on Friday morning. The mean temperature of the *air* was 56°·9, and 5°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week, the greatest deficiency being 8°·3 on Tuesday, and 9°·5 on Wednesday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 10·1 miles per hour, which was 0·1 mile below the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 4·29 inches. The duration of registered bright sunshine in the week was 22·0 hours, against 23·1 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, and METEOROLOGY in 28 GREAT TOWNS, during the Week ending 4th August, 1888.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. |         | Registered during<br>the Week ending<br>4th Aug., 1888. |  | The Deaths registered in the Week include |          |                   |             |                     |        |            |           |                |                                      | Annual Rate<br>per 1000, corresponding<br>to the<br>Week's Deaths |                     |                                    |          | TEMPERATURE OF THE AIR. |             |             |               | RAINFALL.               |       | CITIES<br>AND<br>BOROUGHES. |
|-----------------------------|---|---------|---|--|---|----------|-------------------|-------------|---------------------|--------|------------|-----------|----------------|--------------------------------------|---|---------------------|------------------------------------|----------|-------------------------|-------------|-------------|---------------|-------------------------|-------|-----------------------------|
|                             | BIRTHS.   | DEATHS. | 1 Year of<br>Age.                                       | Persons aged<br>60 Years<br>and upwards. | Small-pox.                                | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unexplained<br>Causes of Death.                                   | From All<br>Causes. | From<br>Diseases in<br>Cols. 6-12. | Highest. | Lowest.                 | Mean.       |             | In<br>Inches. | In<br>Centi-<br>metres. |       |                             |
|                             |   |         |   |  |   |          |                   |             |                     |        |            |           |                |                                      |   |                     |                                    |          |                         | Fahrenheit. | Fahrenheit. |               |                         |       |                             |
| Cols.                       | 1.  | 2.      | 3.  | 4.                                       | 5.  | 6.       | 7.                | 8.          | 9.                  | 10.    | 11.        | 12.       | 13.            | 14.                                  | 15.   | 16.                 | 17.                                | 18.      | 19.                     | 20.         | 21.         | 22.           | 23.                     | 24.   | Cols.                       |
| 28 TOWNS*                   | 9,398,273   | 5729    | 2881  | 898                                      | 568                                       | 5        | 64                | 39          | 27                  | 61     | 21         | 215       | 110            | 210                                  | 456   | 58                  | 160                                | 2.4      | 73.3                    | 41.0        | 53.6        | 12.00         | 0.93                    | 2.36  | - 28 TOWNS.                 |
| LONDON*                     | 4,282,921   | 2530    | 1309  | 449                                      | 247                                       | -        | 29                | 18          | 19                  | 25     | 9          | 121       | 49             | 97                                   | 260   | 12                  | 15.9                               | 2.7      | 73.3                    | 45.8        | 56.9        | 13.83         | 4.29                    | 10.90 | LONDON.                     |
| BRIGHTON*                   | 119,983   | 74      | 23  | 5  | 8   | -        | -                 | -           | -                   | -      | -          | -         | -              | 2                                    | 5   | 1                   | 10.0                               | 0.0      | 70.7                    | 50.3        | 56.6        | 13.67         | 0.94                    | 2.39  | BRIGHTON.                   |
| PORTSMOUTH                  | 139,575   | 113     | 39  | 8  | 13  | -        | 1                 | -           | -                   | -      | 1          | 3         | 1              | 3                                    | 4   | -                   | 14.6                               | 1.9      | -                       | -           | -           | -             | -                       | -     | PORTSMOUTH.                 |
| NORWICH                     | 93,675  | 67      | 24  | 10                                       | 7   | -        | -                 | -           | 1                   | 2      | -          | 1         | 1              | 1                                    | 1   | -                   | 13.4                               | 2.2      | -                       | -           | -           | -             | -                       | -     | NORWICH.                    |
| PLYMOUTH                    | 77,674  | 58      | 25  | 6  | 12  | -        | -                 | 1           | -                   | -      | -          | 1         | 1              | 1                                    | 3   | 1                   | 16.8                               | 0.7      | 71.0                    | 46.8        | 56.5        | 13.61         | 0.79                    | 2.01  | PLYMOUTH.                   |
| BRISTOL                     | 226,510   | 133     | 39  | 8  | 12  | -        | -                 | -           | 1                   | -      | 1          | 1         | 3              | 3                                    | 3   | 1                   | 9.0                                | 0.7      | 66.0                    | 43.0        | 54.2        | 12.33         | 0.48                    | 1.09  | BRISTOL.                    |
| WOLVERHAMPTON               | 81,691  | 47      | 30  | 5  | 7   | -        | 2                 | -           | -                   | -      | 1          | -         | 3              | 6                                    | 4   | -                   | 19.2                               | 1.9      | 68.6                    | 41.0        | 52.3        | 11.28         | 0.43                    | 1.09  | WOLVERHAMPTON.              |
| BIRMINGHAM                  | 447,912   | 264     | 136   | 34                                       | 29  | -        | 4                 | 1           | -                   | 9      | -          | 2         | 7              | 13                                   | 14  | 2                   | 16.8                               | 1.9      | -                       | -           | -           | -             | -                       | -     | BIRMINGHAM.                 |
| LEICESTER*                  | 146,790   | 103     | 51  | 25                                       | 4   | -        | 5                 | -           | -                   | 1      | 1          | 7         | 2              | 7                                    | 4   | -                   | 18.1                               | 4.6      | -                       | -           | -           | -             | -                       | -     | LEICESTER.                  |
| NOTTINGHAM*                 | 230,921   | 137     | 56  | 24                                       | 11  | -        | -                 | -           | -                   | -      | -          | 3         | 4              | 7                                    | 2   | 1                   | 12.7                               | 0.7      | 67.6                    | 41.8        | 52.3        | 11.28         | 0.46                    | 1.17  | NOTTINGHAM.                 |
| DERBY                       | 66,241  | 48      | 24  | 8  | 7   | -        | -                 | -           | -                   | -      | -          | 2         | -              | 2                                    | 3   | -                   | 13.0                               | 1.1      | -                       | -           | -           | -             | -                       | -     | DERBY.                      |
| BIRKENHEAD                  | 100,093   | 62      | 33  | 12                                       | 6   | -        | 1                 | -           | -                   | 2      | -          | 1         | 1              | 1                                    | 5   | 1                   | 17.2                               | 1.6      | -                       | -           | -           | -             | -                       | -     | BIRKENHEAD.                 |
| LIVERPOOL                   | 699,738   | 347     | 214   | 62                                       | 38  | -        | 6                 | -           | -                   | -      | 1          | 23        | 12             | 13                                   | 44  | 12                  | 18.6                               | 2.6      | 65.0                    | 47.6        | 53.7        | 12.06         | 0.67                    | 1.70  | LIVERPOOL.                  |
| BOLTON                      | 113,506   | 65      | 29  | 11                                       | 4   | -        | -                 | -           | -                   | -      | -          | 1         | -              | -                                    | 2   | 1                   | 13.3                               | 0.5      | -                       | -           | -           | -             | -                       | -     | BOLTON.                     |
| MANCHESTER                  | 378,164   | 261     | 139   | 41                                       | 19  | -        | 4                 | 2           | 3                   | 8      | -          | 3         | 6              | 16                                   | 27  | 3                   | 21.9                               | 2.8      | -                       | -           | -           | -             | -                       | -     | MANCHESTER.                 |
| SALFORD*                    | 226,336   | 125     | 78  | 21                                       | 17  | -        | 2                 | 2           | -                   | 1      | -          | 3         | 2              | 2                                    | 10  | 1                   | 18.0                               | 1.8      | -                       | -           | -           | -             | -                       | -     | SALFORD.                    |
| OLDHAM                      | 138,220   | 88      | 42  | 8  | 10  | 1        | -                 | -           | 1                   | 1      | -          | 1         | 1              | 3                                    | 8   | 1                   | 15.9                               | 1.9      | -                       | -           | -           | -             | -                       | -     | OLDHAM.                     |
| BLACKBURN                   | 119,039   | 83      | 30  | 5  | 7   | -        | -                 | 4           | -                   | -      | -          | 1         | 1              | 1                                    | 4   | 4                   | 13.2                               | 2.2      | -                       | -           | -           | -             | -                       | -     | BLACKBURN.                  |
| PRESTON                     | 103,234   | 67      | 39  | 11                                       | 11  | 2        | -                 | -           | -                   | -      | -          | 4         | -              | -                                    | 6   | 1                   | 19.7                               | 3.0      | -                       | -           | -           | -             | -                       | -     | PRESTON.                    |
| HUDDESFIELD                 | 91,419  | 35      | 37  | 5  | 8   | -        | -                 | 2           | 1                   | 1      | -          | 1         | 1              | -                                    | 7   | 3                   | 21.1                               | 2.9      | -                       | -           | -           | -             | -                       | -     | HUDDESFIELD.                |
| HALIFAX                     | 80,188  | 50      | 28  | 8  | 6   | -        | -                 | -           | -                   | 2      | -          | 1         | -              | -                                    | 2   | 4                   | 18.2                               | 2.0      | -                       | -           | -           | -             | -                       | -     | HALIFAX.                    |
| BRADFORD*                   | 229,721   | 125     | 60  | 15                                       | 9   | -        | 4                 | 1           | -                   | 1      | 1          | 5         | 1              | 3                                    | 7   | -                   | 13.6                               | 2.7      | 63.2                    | 44.0        | 51.2        | 10.67         | 0.37                    | 0.94  | BRADFORD.                   |
| LEEDS                       | 351,210   | 242     | 111   | 43                                       | 18  | -        | 5                 | 3           | -                   | 5      | 3          | 13        | 4              | 11                                   | 9   | 1                   | 16.5                               | 4.3      | -                       | -           | -           | -             | -                       | -     | LEEDS.                      |
| SHEFFIELD                   | 321,711   | 218     | 116   | 35                                       | 19  | 1        | 1                 | 2           | 1                   | 5      | -          | 16        | 4              | 5                                    | 6   | 5                   | 18.8                               | 4.2      | -                       | -           | -           | -             | -                       | -     | SHEFFIELD.                  |
| HULL                        | 202,359   | 119     | 48  | 14                                       | 17  | 1        | -                 | -           | -                   | -      | -          | 3         | 3              | 6                                    | 6   | 2                   | 12.4                               | 1.0      | 67.0                    | 41.0        | 51.7        | 10.94         | 0.81                    | 2.06  | HULL.                       |
| SUNDERLAND                  | 131,919   | 79      | 34  | 4  | 10  | -        | -                 | 1           | -                   | 1      | -          | 1         | 1              | 2                                    | 1   | 1                   | 13.4                               | 1.2      | -                       | -           | -           | -             | -                       | -     | SUNDERLAND.                 |
| NEWCASTLE*                  | 169,003   | 102     | 42  | 16                                       | 6   | -        | -                 | -           | -                   | -      | 1          | -         | 1              | 2                                    | 7   | 1                   | 13.8                               | 0.3      | 62.0                    | 43.0        | 50.4        | 10.22         | 0.15                    | 0.38  | NEWCASTLE.                  |
| CARDIFF*                    | 108,570   | 87      | 25  | 5  | 1   | -        | -                 | -           | -                   | -      | -          | -         | 2              | 3                                    | 4   | -                   | 12.0                               | 0.0      | -                       | -           | -           | -             | -                       | -     | CARDIFF.                    |
| EDINBURGH                   | 262,733   | 120     | 79  | 20                                       | 18  | -        | -                 | -           | -                   | 1      | -          | -         | 2              | 1                                    | 9   | 24                  | 15.7                               | 0.2      | 65.2                    | 38.3        | 52.1        | 11.17         | 0.03                    | 0.08  | EDINBURGH.                  |
| GLASGOW                     | 526,088   | 381     | 184   | 49                                       | 24  | -        | 3                 | 1           | 1                   | 3      | 3          | 12        | 8              | 9                                    | 30  | 25                  | 18.2                               | 2.3      | 64.0                    | 36.4        | 52.3        | 11.28         | 0.15                    | 0.38  | GLASGOW.                    |
| DUBLIN                      | 353,082   | 186     | 143   | 31                                       | 38  | -        | -                 | -           | -                   | 11     | 6          | 1         | 5              | 7                                    | 44  | 15                  | 21.1                               | 3.1      | 65.2                    | 39.4        | 53.4        | 11.89         | 1.12                    | 2.84  | DUBLIN.                     |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-FIRST Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2637 | 2396 | 2270 | 2242 | 2546 | 2505 | 2589 | 2164 | 2336 | 2317 | 2617·3   | 2530 |
| Males . .           | 1370 | 1206 | 1092 | 1129 | 1329 | 1253 | 1300 | 1109 | 1181 | 1173 | 1324·0   | 1306 |
| Females .           | 1267 | 1190 | 1178 | 1113 | 1217 | 1252 | 1289 | 1055 | 1155 | 1144 | 1293·3   | 1224 |
| <b>TOTAL Deaths</b> | 1877 | 1349 | 1698 | 1717 | 1369 | 1465 | 1767 | 1720 | 1620 | 1759 | 1781·9   | 1309 |
| Males . .           | 966  | 706  | 883  | 854  | 686  | 733  | 933  | 935  | 886  | 938  | 924·7  | 663  |
| Females .           | 911  | 643  | 815  | 863  | 683  | 727  | 829  | 785  | 734  | 821  | 857·2  | 646  |

\*The numbers in this column are the average weekly numbers in the thirty-first weeks of the ten years 1878-87 raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | May<br>12. | May<br>19. | May<br>26. | June<br>2. | June<br>9. | June<br>16. | June<br>23. | June<br>30. | July<br>7. | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. |
|--|------------|------------|------------|------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|
| <b>TOTAL Births</b>                      | 2574       | 2364       | 2278       | 2491       | 2430       | 2399        | 2534        | 2289        | 2348       | 2520        | 2385        | 2353        | 2530       |
| <b>TOTAL Deaths</b>                      | 1360       | 1469       | 1361       | 1323       | 1210       | 1167        | 1190        | 1238        | 1211       | 1238        | 1297        | 1308        | 1309       |
| 0-20                                     | 615        | 637        | 608        | 581        | 527        | 503         | 536         | 562         | 576        | 623         | 636         | 670         | 726        |
| 20-40                                    | 186        | 212        | 180        | 178        | 156        | 176         | 149         | 171         | 172        | 160         | 168         | 155         | 131        |
| 40-60                                    | 238        | 272        | 256        | 266        | 248        | 208         | 226         | 213         | 208        | 229         | 242         | 206         | 205        |
| 60-80                                    | 255        | 276        | 268        | 255        | 245        | 234         | 242         | 241         | 205        | 230         | 202         | 217         | 195        |
| at 80 years & upwds.                     | 66         | 72         | 49         | 43         | 43         | 46          | 37          | 51          | 50         | 41          | 49          | 60          | 52         |
| Deaths of children { Under 1 year        | 319        | 296        | 322        | 288        | 264        | 251         | 281         | 297         | 302        | 359         | 384         | 385         | 449        |
| { 1-5                                    | 190        | 254        | 204        | 184        | 176        | 163         | 155         | 178         | 203        | 182         | 177         | 186         | 200        |
| { 5-20                                   | 106        | 87         | 82         | 109        | 87         | 89          | 100         | 87          | 71         | 87          | 75          | 99          | 77         |
| Deaths from Small-pox                    | -          | -          | -          | -          | -          | -           | -           | -           | -          | 1           | 1           | -           | -          |
| " " Measles                              | 22         | 18         | 23         | 24         | 25         | 21          | 18          | 20          | 23         | 26          | 25          | 40          | 29         |
| " " Scarlet fever                        | 19         | 13         | 17         | 19         | 23         | 19          | 10          | 19          | 10         | 18          | 14          | 23          | 18         |
| " " Diphtheria                           | 15         | 29         | 19         | 26         | 22         | 18          | 15          | 28          | 29         | 24          | 15          | 21          | 19         |
| " " Whooping-cough                       | 52         | 64         | 64         | 37         | 33         | 34          | 33          | 27          | 31         | 32          | 33          | 30          | 25         |
| " " Typhus                               | -          | -          | -          | -          | -          | -           | -           | -           | -          | -           | -           | -           | -          |
| " " Enteric fever                        | 9          | 12         | 10         | 9          | 8          | 8           | 15          | 10          | 7          | 12          | 8           | 15          | 9          |
| " " Simple Cont'd fever                  | 1          | -          | 3          | -          | 1          | 1           | -           | -           | 2          | 1           | -           | 1           | -          |
| " " Diarrhoea and Dysentery              | 14         | 15         | 9          | 19         | 18         | 16          | 18          | 36          | 51         | 72          | 62          | 89          | 121        |
| " " Cholera                              | 1          | -          | 2          | 1          | -          | -           | -           | 2           | 3          | 3           | 2           | 4           | 4          |
| Deaths from the above-mentioned Diseases | 133        | 151        | 147        | 135        | 130        | 117         | 109         | 142         | 156        | 189         | 160         | 223         | 225        |
| " " Dis. of Respiratory System           | 260        | 296        | 228        | 237        | 185        | 213         | 184         | 156         | 176        | 164         | 166         | 160         | 167        |
| " " Phthisis                             | 134        | 176        | 151        | 157        | 135        | 119         | 133         | 117         | 114        | 114         | 141         | 117         | 123        |
| " " Dis. of Circulatory System           | 119        | 105        | 119        | 109        | 101        | 89          | 95          | 101         | 96         | 110         | 118         | 92          | 93         |
| Violent Deaths                           | 51         | 63         | 65         | 73         | 51         | 71          | 63          | 64          | 65         | 56          | 54          | 63          | 49         |
| Inquest Cases                            | 106        | 113        | 108        | 111        | 90         | 103         | 105         | 111         | 107        | 125         | 104         | 89          | 97         |
| Deaths in Public Institutions            | 305        | 370        | 345        | 326        | 275        | 312         | 280         | 302         | 285        | 300         | 314         | 305         | 260        |
| TEMPERATURE OF THE AIR                   |            |            |            |            |            |             |             |             |            |             |             |             |            |
| Mean                                     | 52·3       | 55·9       | 54·0       | 55·8       | 58·9       | 57·1        | 54·2        | 61·9        | 56·4       | 55·8        | 59·4        | 60·3        | 56·9       |
| Mean of Highest readings                 | 64·1       | 68·0       | 66·0       | 69·1       | 71·0       | 69·5        | 61·8        | 72·3        | 65·3       | 64·7        | 68·6        | 69·9        | 67·5       |
| Mean of Lowest readings                  | 41·2       | 45·6       | 43·2       | 44·3       | 49·8       | 47·8        | 48·1        | 54·3        | 50·8       | 43·2        | 52·8        | 53·8        | 50·4       |
| Humidity of the Air                      | 69         | 69         | 63         | 69         | 77         | 72          | 86          | 83          | 87         | 77          | 83          | 81          | 87         |
| Rain-fall in inches                      | 0·00       | 0·32       | 0·00       | 0·16       | 0·17       | 0·54        | 0·27        | 2·37        | 0·90       | 0·44        | 1·61        | 1·11        | 4·29       |
| Registered Sunshine (in hours)           | 51·0       | 39·4       | 62·3       | 43·8       | 21·2       | 51·7        | 17·7        | 29·9        | 18·5       | 23·2        | 11·8        | 34·3        | 22·0       |

\*The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIRST Week of the Year 1888.

| CAUSES OF DEATH.                                     | Corrected Averages for the 31st Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 4th August 1888. |           |      |       |                  |                  |                  |                       | CAUSES OF DEATH.  | Corrected Averages for the 31st Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 4th August 1888. |           |      |       |                  |                  |                  |                       |   |   |
|--|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|
|  |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |                       |   |   | Deaths of Persons of the Ages                 |           |      |       |                  |                  |                  |                       |   |   |
|  |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   | ALL AGES.                                     | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   |
|  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   |
| ALL CAUSES - -                                       | 1781.9  | 1309  | 449       | 200  | 77    | 131              | 205              | 195              | 52                    | Diseases of Organs of Special Sense † - -                 | 2.5   | 1   | -         | -    | 1     | -                | -                | -                | -                     | - |   |
| Small-pox { Vaccinated & Unvaccinated } No Statement | 8.6   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - -                      | 83.9  | 93  | 2         | 1    | 6     | 14               | 34               | 29               | 7                     | - |   |
| Casles - - -   | 49.5  | 29  | 7         | 22   | -     | -                | -                | -                | -                     | Croup - - -   | 9.3   | 6   | 1         | 5    | -     | -                | -                | -                | -                     | - |   |
| Scarlet Fever - -                                    | 37.4  | 18  | -         | 10   | 8     | -                | -                | -                | -                     | Bronchitis - - -  | 98.9  | 99  | 40        | 26   | 1     | -                | -                | 4                | 22                    | 4 |   |
| Erysiphus - - -                                      | 0.9   | -   | -         | -    | -     | -                | -                | -                | -                     | Pneumonia - - -   | 60.4  | 50  | 14        | 21   | 1     | 12               | 5                | 7                | -                     | - |   |
| Eclapsing Fever † -                                  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Pleurisy - - -  | 4.5   | 2   | 1         | -    | -     | 1                | -                | -                | -                     | - |   |
| Influenza - - -                                      | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - -                  | 20.9  | 10  | 3         | 1    | 1     | -                | 1                | 4                | -                     | - |   |
| Whooping-cough -                                     | 50.4  | 25  | 12        | 12   | 1     | -                | -                | -                | -                     | Dentition † - - -   | 12.9  | 13  | 8         | 5    | -     | -                | -                | -                | -                     | - |   |
| Diphtheria - - -                                     | 12.0  | 19  | 2         | 12   | 5     | -                | -                | -                | -                     | Quinsy, Sore Throat †                                     | 1.1   | 5   | 1         | 1    | 2     | -                | -                | -                | -                     | - |   |
| Temple Continued and Ill-defined Fever -             | 2.4   | -   | -         | -    | -     | -                | -                | -                | -                     | Enteritis - - -   | 16.7  | 15  | 10        | 1    | 1     | 1                | 2                | -                | -                     | - |   |
| Interic Fever - -                                    | 12.8  | 9   | -         | 2    | 2     | 4                | 1                | -                | -                     | Peritonitis - - -   | 5.9   | 7   | -         | 2    | 1     | 1                | 2                | -                | -                     | - |   |
| Cholera - - -  | 12.9  | 4   | 2         | 2    | -     | -                | -                | -                | -                     | Diseases of Liver - -                                     | 31.5  | 29  | 3         | -    | 3     | 4                | 11               | 6                | 2                     | - |   |
| Diarrhoea, Dysentery                                 | 315.7   | 121   | 105       | 11   | -     | 1                | 1                | 2                | 1                     | Other Diseases of Digestive System -                      | 37.1  | 27  | 7         | 2    | 2     | 4                | 4                | 7                | 1                     | - |   |
| Emittent Fever - -                                   | 0.7   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - - | 1.4   | 4   | -         | -    | -     | 1                | -                | 3                | -                     | - |   |
| Hydrophobia - -                                      | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System - - -                          | 37.5  | 20  | -         | 1    | 2     | 4                | 7                | 5                | 1                     | - |   |
| Randlers - - -                                       | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - -                       | 5.7   | 3   | -         | -    | -     | 1                | -                | 2                | -                     | - |   |
| Scoropox and Effects of Vaccination † - -            | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth -                                 | 4.0   | 3   | -         | -    | 1     | 2                | -                | -                | -                     | - |   |
| General Affections                                   | 12.5  | 8   | 4         | -    | -     | 1                | 3                | -                | -                     | Diseases of Locomotive System † - - -                     | 6.5   | 8   | 1         | -    | 2     | 2                | -                | 3                | -                     | - |   |
| Erysipelas - - -                                     | 6.2   | 5   | -         | -    | 1     | -                | 1                | 2                | 1                     | Diseases of Integumentary System - -                      | 5.6   | 5   | 3         | -    | -     | 1                | -                | -                | 1                     | - |   |
| Gymia and Septicæmia †                               | 1.9   | 3   | -         | 2    | -     | 1                | -                | -                | -                     | VIOLENT DEATHS. ‡   |   |   |           |      |       |                  |                  |                  |                       |   |   |
| Suppurative Fever -                                  | 4.8   | 4   | -         | -    | -     | 4                | -                | -                | -                     | ACCIDENT.)  |   |   |           |      |       |                  |                  |                  |                       |   |   |
| Other Zymotic Diseases †                             | 1.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Fracture and Contusion                                    | 20.3  | 17  | -         | 3    | 3     | 3                | 2                | 5                | 1                     | - | - |
| Scrub - - -  | 5.8   | 3   | 3         | -    | -     | -                | -                | -                | -                     | Gunshot Wound - -   | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     | - |   |
| Formis and other Parasitical Diseases - -            | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Cut, Stab - - -   | 0.3   | -   | -         | -    | -     | -                | -                | -                | -                     | - |   |
| Starvation, Want of Breast-milk † - -                | 4.8   | 2   | 2         | -    | -     | -                | -                | -                | -                     | Burn and Scald - -  | 2.8   | 5   | -         | 2    | -     | 2                | -                | -                | 1                     | - |   |
| Alcoholism - - -                                     | 4.5   | 5   | -         | -    | -     | 1                | 4                | -                | -                     | Poison - - -  | 1.5   | 1   | -         | -    | -     | 1                | -                | -                | -                     | - |   |
| Rheumatic Fever, Rheumatism of Heart †               | 5.3   | 7   | -         | -    | 1     | -                | 3                | 3                | -                     | Drowning - - -  | 11.0  | 5   | -         | 2    | 1     | 1                | 1                | -                | -                     | - |   |
| Cholera - - -  | 1.6   | 1   | -         | -    | -     | -                | -                | 1                | -                     | Suffocation - - -   | 7.5   | 9   | 9         | -    | -     | -                | -                | -                | -                     | - |   |
| Scout - - -  | 2.2   | 1   | -         | -    | -     | 1                | -                | -                | -                     | Otherwise - - -   | 3.6   | 5   | 2         | -    | -     | 1                | 1                | 1                | -                     | - |   |
| Rickets † - - -                                      | 3.3   | 4   | 1         | 3    | -     | -                | -                | -                | -                     | (HOMICIDE.)   |   |   |           |      |       |                  |                  |                  |                       |   |   |
| Cancer - - -   | 49.5  | 53  | -         | -    | -     | 3                | 31               | 13               | 1                     | Murder & Manslaughter                                     | 1.1   | 1   | 1         | -    | -     | -                | -                | -                | -                     | - |   |
| Tabes Mesenterica -                                  | 56.3  | 41  | 35        | 5    | 1     | -                | -                | -                | -                     | (SUICIDE.)  |   |   |           |      |       |                  |                  |                  |                       |   |   |
| Tubercular Meningitis -                              | 32.0  | 23  | 13        | 12   | 2     | 1                | -                | -                | -                     | Gunshot Wound - -   | 0.0   | 1   | -         | -    | -     | 1                | -                | -                | -                     | - |   |
| Phthisis - - -                                       | 165.1   | 123   | 2         | 3    | 13    | 43               | 45               | 12               | -                     | Cut, Stab - - -   | 0.8   | 2   | -         | -    | -     | -                | 2                | -                | -                     | - |   |
| Scrophula, Tuberculosis -                            | 19.3  | 20  | 9         | 6    | 3     | 1                | -                | 1                | -                     | Poison - - -  | 1.7   | 1   | -         | -    | -     | -                | 1                | -                | -                     | - |   |
| Other Constitutional Diseases † - -                  | 6.9   | 9   | -         | 1    | 2     | 2                | 1                | 3                | -                     | Drowning - - -  | 1.6   | 1   | -         | 1    | -     | -                | -                | -                | -                     | - |   |
| Premature Birth - -                                  | 36.2  | 30  | 30        | -    | -     | -                | -                | -                | -                     | Hanging - - -   | 2.0   | 1   | -         | -    | -     | 1                | -                | -                | -                     | - |   |
| Atelactæsis † - -                                    | 4.1   | 1   | 1         | -    | -     | -                | -                | -                | -                     | Otherwise - - -   | 0.5   | -   | -         | -    | -     | -                | -                | -                | -                     | - |   |
| Congenital Malformations - -                         | 6.3   | 4   | 3         | 1    | -     | -                | -                | -                | -                     | (EXECUTION.)  |   |   |           |      |       |                  |                  |                  |                       |   |   |
| Old Age - - -  | 41.4  | 42  | -         | -    | -     | -                | -                | 19               | 23                    | Hanging - - -   | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     | - |   |
| Apoplexy - - -                                       | 40.1  | 47  | 1         | -    | -     | 5                | 19               | 20               | 2                     | OTHER CAUSES † - -  | 99.9  | 69  | 58        | 2    | -     | 2                | 3                | 3                | 1                     | - |   |
| Epilepsy - - -                                       | 7.2   | 7   | 1         | -    | 1     | 1                | 3                | 1                | -                     |   |   |   |           |      |       |                  |                  |                  |                       |   |   |
| Convulsions - - -                                    | 58.2  | 46  | 42        | 3    | 1     | -                | -                | -                | -                     |   |   |   |           |      |       |                  |                  |                  |                       |   |   |
| Other Diseases of Brain and Nervous System           | 39.8  | 72  | 10        | 17   | 7     | 13               | 12               | 5                | -                     |   |   |   |           |      |       |                  |                  |                  |                       |   |   |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Finsbury Union Workhouses, and in the Metropolitan Asylums Hospital, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquest is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 8. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET, during the Week ending

|   |  | The DEATHS registered in the Week include    |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |             |     |                   |                                   |                        |
|---|--|--|--|--|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-------------|-----|-------------------|-----------------------------------|------------------------|
| REGISTRATION<br>SUB-DISTRICTS.                          |  | Enume-<br>rated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           | Deaths from |     | Inquest<br>Cases. | Deaths in Public<br>Institutions. | Uncertified<br>Causes. |
|   |  |  |  |  | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |             |     |                   |                                   |                        |
| LONDON . . . . .  |  | 3,815,704                                    | 2530                                   | 1309                                   | 449                             | 247                                 | -          | 29       | 18             | 19          | 25              | -       | 9                              | -                            | 121        | 49        | 97          | 260 |                   |                                   |                        |
| WEST DISTRICTS . . . . .                                |  | 669,693                                      | 374                                    | 218                                    | 62                              | 45                                  | -          | 4        | 1              | 3           | 3               | -       | 1                              | -                            | 23         | 9         | 14          | 58  |                   |                                   |                        |
| NORTH DISTRICTS . . . . .                               |  | 905,947                                      | 571                                    | 283                                    | 98                              | 63                                  | -          | 10       | 9              | 4           | 5               | -       | 1                              | -                            | 23         | 12        | 23          | 51  |                   |                                   |                        |
| CENTRAL DISTRICTS . . . . .                             |  | 382,238                                      | 158                                    | 93                                     | 23                              | 10                                  | -          | 4        | 1              | 3           | 2               | -       | 1                              | -                            | 8          | 4         | 6           | 23  |                   |                                   |                        |
| EAST DISTRICTS . . . . .                                |  | 692,738                                      | 515                                    | 280                                    | 93                              | 47                                  | -          | 8        | 2              | 4           | 6               | -       | 5                              | -                            | 19         | 10        | 34          | 66  |                   |                                   |                        |
| SOUTH DISTRICTS . . . . .                               |  | 1,265,143                                    | 912                                    | 435                                    | 168                             | 83                                  | -          | 3        | 5              | 5           | 9               | -       | 1                              | -                            | 43         | 14        | 20          | 69  |                   |                                   |                        |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION |  | -  | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| LONDON . . . . .  |  | -  | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| WEST DISTRICTS.   |  |  |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |             |     |                   |                                   |                        |
| St. Mary Paddington WHH G.J. & W.M.                     |  | 69883  | 51                                     | 27                                     | 6                               | 9                                   | -          | 2        | -              | 1           | -               | -       | -                              | -                            | 2          | 1         | 2           | 6   |                   |                                   |                        |
| St. John Paddington H - - G.J.                          |  | 37330  | 7                                      | 16                                     | 1                               | 3                                   | -          | -        | -              | 1           | 1               | -       | -                              | -                            | -          | 4         | 4           | 6   |                   |                                   |                        |
| Kensington Town Ww - - W.M.                             |  | 120141                                       | 45                                     | 29                                     | 8                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -           | 5   |                   |                                   |                        |
| Brompton HH - - W.M. & C.                               |  | 43010  | 19                                     | 11                                     | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2           | 3   |                   |                                   |                        |
| St. Peter Hammersmith - - W.M.                          |  | 7299   | 2                                      | 1                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| St. Paul Hammersmith H W.M. & G.J.                      |  | 64340  | 50                                     | 23                                     | 11                              | 4                                   | -          | 1        | -              | -           | 1               | -       | -                              | -                            | 2          | -         | 1           | 3   |                   |                                   |                        |
| Fulham Ww - - W.M. & C.                                 |  | 42900  | 52                                     | 34                                     | 15                              | 4                                   | -          | -        | -              | 1           | -               | -       | 1                              | -                            | 10         | -         | 1           | 7   |                   |                                   |                        |
| Chelsea South HHH - - C.                                |  | 30896  | 16                                     | 6                                      | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -           | -   |                   |                                   |                        |
| Chelsea North-west WHHHHH - C.                          |  | 24925  | 14                                     | 14                                     | 2                               | 5                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | 1          | -         | -           | 8   |                   |                                   |                        |
| Chelsea North-east - - C.                               |  | 32807  | 34                                     | 8                                      | 5                               | -                                   | -          | 1        | -              | -           | 1               | -       | -                              | -                            | 4          | -         | -           | -   |                   |                                   |                        |
| May Fair WW - - G.J.                                    |  | 30353  | 6                                      | 7                                      | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -           | 4   |                   |                                   |                        |
| Belgrave WWHH - - C.                                    |  | 59220  | 31                                     | 15                                     | 1                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3           | 7   |                   |                                   |                        |
| St. John Westminster HHH - C.                           |  | 35496  | 29                                     | 6                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -           | -   |                   |                                   |                        |
| St. Margaret Westminster H - C.                         |  | 24679  | 11                                     | 12                                     | 3                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -           | 7   |                   |                                   |                        |
| St. James Westminster WHH N.R. & G.J.                   |  | 29941  | 9                                      | 5                                      | 1                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1           | 2   |                   |                                   |                        |
| St. Anne Soho HHHHHHH - N.R.                            |  | 16668  | 7                                      | 4                                      | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| NORTH DISTRICTS.  |  |  |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |             |     |                   |                                   |                        |
| All Souls Marylebone HHHH - W.M.                        |  | 26759  | 17                                     | 8                                      | 4                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | 2   |                   |                                   |                        |
| Cavendish Square HHHH - W.M.                            |  | 14391  | 3                                      | 7                                      | -                               | 2                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 2           | -   |                   |                                   |                        |
| Rectory Marylebone WH G.J. & W.M.                       |  | 24809  | 5                                      | 5                                      | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | 1   |                   |                                   |                        |
| St. Mary Maryleb. HHH G.J. & W.M.                       |  | 21118  | 23                                     | 8                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| Christchurch Marylebone H - W.M.                        |  | 38700  | 30                                     | 9                                      | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -           | -   |                   |                                   |                        |
| St. John Marylebone H - W.M.                            |  | 35653  | 18                                     | 9                                      | 5                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -           | -   |                   |                                   |                        |
| Hamstead WwHHHH N.R. & W.M.                             |  | 45452  | 33                                     | 16                                     | 1                               | 3                                   | -          | 2        | 3              | -           | -               | -       | -                              | -                            | 1          | 1         | 2           | 8   |                   |                                   |                        |
| Regent's Park Paneras H - W.M.                          |  | 39115  | 22                                     | 7                                      | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2           | -   |                   |                                   |                        |
| Tottenham-court WHHHH N.R. & W.M.                       |  | 27729  | 14                                     | 5                                      | 2                               | 1                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -           | 2   |                   |                                   |                        |
| Gray's Inn Lane HHH - N.R.                              |  | 30247  | 14                                     | 15                                     | 3                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | 2           | 5   |                   |                                   |                        |
| Somers Town H - N.R.                                    |  | 34369  | 18                                     | 13                                     | 8                               | 1                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | 2           | 5   |                   |                                   |                        |
| Kensington W - N.R.                                     |  | 17811  | 16                                     | 12                                     | 6                               | 4                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 1           | 6   |                   |                                   |                        |
| Kentish Town W - N.R.                                   |  | 37487  | 55                                     | 30                                     | 11                              | 7                                   | -          | 1        | -              | 2           | -               | -       | -                              | -                            | 5          | -         | -           | 4   |                   |                                   |                        |
| Upper Holloway WWWH - N.R.                              |  | 67946  | 56                                     | 26                                     | 11                              | 3                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 5           | 9   |                   |                                   |                        |
| Islington South-west HH - N.R.                          |  | 100676                                       | 59                                     | 29                                     | 9                               | 4                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | 3          | 1         | 1           | -   |                   |                                   |                        |
| Islington South-east - N.R.                             |  | 61835  | 44                                     | 20                                     | 8                               | 2                                   | -          | 2        | 1              | -           | -               | -       | -                              | -                            | 3          | -         | -           | -   |                   |                                   |                        |
| Highbury H - N.R.                                       |  | 52048  | 26                                     | 8                                      | 4                               | 1                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | 2          | -         | -           | -   |                   |                                   |                        |
| Stoke Newington H - N.R.                                |  | 22781  | 24                                     | 4                                      | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -           | -   |                   |                                   |                        |
| Stamford Hill - E.L.                                    |  | 9277   | 7                                      | 1                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| West Hackney H - N.R.                                   |  | 37610  | 21                                     | 10                                     | 1                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| Hackney WwWH - E.L. & N.R.                              |  | 76911  | 47                                     | 43                                     | 9                               | 13                                  | -          | 1        | 4              | 1           | -               | -       | -                              | -                            | 5          | 2         | 4           | 13  |                   |                                   |                        |
| South Hackney - E.L.                                    |  | 39883  | 24                                     | 7                                      | 5                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1           | -   |                   |                                   |                        |
| CENTRAL DISTRICTS.                                      |  |  |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |             |     |                   |                                   |                        |
| St. George Bloomsbury - N.R.                            |  | 16681  | 9                                      | 1                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| St. Giles South WH - N.R.                               |  | 14864  | 19                                     | 3                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| St. Giles North - N.R.                                  |  | 18837  | 4                                      | 1                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | 2   |                   |                                   |                        |
| St. Martin-in-the-Fields HH N.R. & C.                   |  | 17508  | 4                                      | 5                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| St. Mary-le-Strand H - N.R.                             |  | 7515   | 2                                      | 1                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | 4   |                   |                                   |                        |
| St. Clement Danes H - N.R.                              |  | 8559   | 4                                      | 3                                      | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -           | -   |                   |                                   |                        |
| Strand Union Workhouse, Edmonton w.                     |  | -  | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | 1   |                   |                                   |                        |
| St. Geo.-the-Martyr HHHHHHH N.R.                        |  | 18671  | 7                                      | 8                                      | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | 1           | 5   |                   |                                   |                        |
| St. Andrew Eastern W - N.R.                             |  | 10706  | 8                                      | 4                                      | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | 3   |                   |                                   |                        |
| Saffron Hill H - N.R.                                   |  | 6533   | 2                                      | 1                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| St. James Clerkenwell - N.R.                            |  | 17516  | 17                                     | 8                                      | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -           | -   |                   |                                   |                        |
| Amwell Clerkenwell - N.R.                               |  | 19281  | 10                                     | 12                                     | 5                               | 1                                   | -          | 4        | -              | -           | 1               | -       | -                              | -                            | 2          | -         | -           | -   |                   |                                   |                        |
| Pentonville - N.R.                                      |  | 14773  | 12                                     | 8                                      | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| Goswell-street - N.R.                                   |  | 17696  | 15                                     | 5                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| Old-street H - N.R.                                     |  | 11841  | 7                                      | 6                                      | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1           | -   |                   |                                   |                        |
| City-road HHL - N.R.                                    |  | 18638  | 25                                     | 7                                      | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | 1           | -   |                   |                                   |                        |
| Whitecross-street - N.R.                                |  | 9217   | -                                      | 3                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| Finsbury - N.R.   |  | 7463   | 3                                      | 1                                      | -                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| Holborn Union Workhouse, Mitcham, w.                    |  | -  | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| St. Botolph H - N.R. & E.L.                             |  | 11174  | 5                                      | 3                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1           | -   |                   |                                   |                        |
| Cripplegate - N.R.                                      |  | 7193   | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| St. Sepulchre H - N.R.                                  |  | 5353   | -                                      | 11                                     | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| St. Bride W - N.R.                                      |  | 3896   | 4                                      | 1                                      | 1                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 2           | 11  |                   |                                   |                        |
| Alhallow's Barking - N.R.                               |  | 13666  | 1                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |
| Broad Street H - N.R.                                   |  | 5652   | -                                      | 1                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -           | -   |                   |                                   |                        |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J. signifies Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London and K. the Kent Company.

VER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
Friday, the 4th August, 1888.

[illegible]

e following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:--

Caryllbone Infirmary in Kensington Town sub-district.  
Central London Sick Asylum, in Tottenham Court-road sub-district.  
Holborn infirm " in Upper Holloway sub-district.  
London City Workhouse " Hackney sub-district.  
Dorham " " Islington New Town sub-district.  
Whitechapel " " Mile End Old Town Eastern sub-dist.  
London City " " Mile End Old Town Eastern sub-dist.  
London City " " Edmonton and Bromley sub-district.

Private Lunatic Asylums in which paupers are received,

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hack-  
ney, Erixton, and St. Paul, Deptford sub-district, and in Dartmouth,  
Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during Week ending Saturday, 4th August, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |
|---|----------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|
|   |                                  |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |
|   |                                  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957   | 788     | 284     | 80  | 66                                  | -           | 5        | -              | 5           | 9               | 1      | 16         | 12        | 13             | 44                                |
| 30: 1   | Carshalton <i>wL</i> -           | 12228  | 21118   | 11      | 18      | 1   | 8                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 13                                |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710   | 4       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 37: 1   | Godstone (part of)* -            | 2754   | 1235  | -       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 38: 1   | Croydon <i>WwHHL</i> -           | 20851  | 101241  | 65      | 27      | 4   | 8                                   | -           | -        | -              | 2           | -               | -      | -          | 3         | 3              | 7                                 |
| 2   | Mitcham <i>w†</i> -              | 11097  | 17932   | 13      | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 39: 1   | Wimbledon <i>HHH</i> -           | 3220   | 15960   | 12      | 2       | -   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354   | 21      | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |
| 3   | Esher (part of)* -               | 6601   | 9221  | 7       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |
| 4   | Hampton <i>H</i> -               | 4573   | 13539   | 10      | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 40: 1   | Richmond <i>WH</i> -             | 2272   | 21302   | 13      | 4       | 1   | 9                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | 1                                 |
| 2   | Mortlake -                       | 2941   | 12331   | 9       | 3       | 1   | 1                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |
| 41: 1   | Bromley (pt. of)* <i>HH</i>      | 15669  | 81142   | 14      | 6       | 1   | 4                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844   | 7       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 42: 1   | Bexley <i>H</i> -                | 13437  | 24134   | 14      | 7       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |
| 2   | Dartford (Ww, pts. of)*          | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 124: 1  | Sunbury <i>w</i> -               | 11055  | 11685   | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Staines <i>W</i> -               | 13277  | 12089   | 5       | 3       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 125: 1  | Hillingdon <i>WHH</i> -          | 6020   | 10802   | 3       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Uxbridge -                       | 6178   | 3225  | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Hayes <i>wHL</i> -               | 14587  | 11523   | 10      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 126: 1  | Isleworth <i>WHH</i> -           | 7008   | 22727   | 22      | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 3                                 |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479   | 9       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649   | 25      | 7       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |
| 4   | Chiswick -                       | 1340   | 15975   | 14      | 12      | 6   | -                                   | -           | 2        | -              | -           | -               | -      | 3          | -         | -              | -                                 |
| 5   | Acton <i>wH</i> -                | 6083   | 22876   | 22      | 5       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 127: 1  | Harrow <i>H</i> -                | 13809  | 12796   | 11      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | -                                 |
| 2   | Edgware <i>H</i> -               | 6994   | 3749  | 1       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Willesden -                      | 4383   | 27453   | 27      | 14      | 7   | 2                                   | -           | 1        | -              | -           | -               | -      | 3          | -         | -              | -                                 |
| 4   | Hendon <i>W</i> -                | 8382   | 10484   | 9       | 7       | 1   | 1                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | 1              | 2                                 |
| 128: 1  | South Mimms -                    | 15599  | 6391  | 3       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Barnet -                         | 5433   | 10092   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Finchley <i>HL</i> -             | 4688   | 17615   | 13      | 6       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |
| 129: 1  | Hornsey <i>H</i> -               | 3039   | 37078   | 36      | 4       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456   | 66      | 12      | 1   | 4                                   | -           | 1        | -              | -           | -               | 1      | 1          | 1         | 1              | 2                                 |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23463   | 23      | 5       | 2   | 1                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | 1                                 |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104   | 17      | 8       | 3   | 2                                   | -           | -        | -              | 2           | -               | -      | -          | -         | -              | -                                 |
| 5   | Waltham Abbey -                  | 11017  | 5368  | 3       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |
| 6   | Cheshunt -                       | 8490   | 7755  | 6       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 135: 1  | Hatfield (part of)* -            | 3806   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 137: 1  | Bushey -                         | 9331   | 6621  | 6       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Watford (W, pt. of)* -           | -  | -   | -       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 136: 1  | Stratford -                      | 882  | 38606   | 29      | 12      | 5   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |
| 2   | West Ham <i>wowwH†</i> -         | 7351   | 101053  | 104     | 33      | 18  | 2                                   | -           | -        | -              | 2           | -               | -      | 2          | 1         | 1              | -                                 |
| 3   | Leyton <i>WwL</i> -              | 4379   | 32430   | 26      | 20      | 5   | 6                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | 7                                 |
| 4   | Walthamstow <i>H</i> -           | 6520   | 25869   | 44      | 14      | 3   | 3                                   | -           | -        | -              | 2           | 1               | -      | 1          | -         | -              | -                                 |
| 137: 1  | Chigwell (part of)* <i>H</i>     | 11761  | 9683  | 11      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |
| 2   | Epping (W, pt. of)* -            | -  | -   | 1       | 3       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 139: 1  | Romford (part of)* <i>W</i>      | 6730   | 3411  | 2       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Ilford -                         | 8493   | 7645  | 8       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Barking Town -                   | 4127   | 9203  | 14      | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Hendley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district; except the parishes of Cadnam at Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 3751); 189: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford; 187: 2, Watford; and 187: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 4th August, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include   |  |             |          |                   |             |                     |        |            |           |     |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                   |  | Deaths from |          |                   |             |                     |        |            |           |     | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of<br>Age. | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16  |                                   |
| ATER LONDON               | 448,334  | 5,527,886                                      | 15.0  | 2.4                                   | 1593                             | 529   | 313  | -           | 34       | 18                | 24          | 34                  | 10     | 137        | 61        | 304 |                                   |
| ATER LONDON -             | 77,410   | 4,282,921                                      | 15.9  | 2.7                                   | 1809                             | 449   | 247  | -           | 29       | 18                | 19          | 25                  | 9      | 121        | 49        | 260 |                                   |
| ATER RING -               | 370,924  | 1,244,965                                      | 11.9  | 1.5                                   | 284                              | 80  | 66   | -           | 5        | -                 | 5           | 9                   | 1      | 16         | 12        | 44  |                                   |

RE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14,933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,334,706 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES                         |
|----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA - -                     | 453,219                               | June 23                     | -                               | 163     | 19.5                               | Cholera 8; fevers 50.                                 |
| BOMBAY - -                       | 773,196                               | July 10                     | 315                             | 441     | 25.4                               | Small-pox 3; cholera 7; fevers 115; diarr. dis. 52.   |
| MADRAS - -                       | 398,777                               | June 22                     | 283                             | 224     | 29.3                               | Small-pox 1; fevers 51; cholera 2; diarr. dis. 31.    |
| PARIS - - -                      | 2,260,945                             | July 28                     | 1144                            | 824     | 19.0                               | Typd. fev. 17; measles 22; dip. & crp. 22; sm.-pox 4. |
| BRUSSELS - - (with 8 Faubourgs.) | 462,069                               | " 28                        | 269                             | 182     | 20.5                               | Typhus and typd. fev. 3; diarrhoeal diseases 27.      |
| AMSTERDAM -                      | 390,016                               | " 28                        | -                               | -       | -                                  | -   |
| ROTTERDAM -                      | 193,658                               | " 28                        | -                               | -       | -                                  | -   |
| THE HAGUE -                      | 149,477                               | " 28                        | -                               | -       | -                                  | -   |
| COPENHAGEN                       | 300,000                               | " 24                        | 211                             | 137     | 23.8                               | Diph. 8; scar. fever 3; diarrhoeal diseases 18.       |
| STOCKHOLM -                      | 221,549                               | " 21                        | 142                             | 87      | 20.4                               | Scar. fever 3; whooping-cough 4; diarr. dis. 16.      |
| CHRISTIANIA -                    | 185,600                               | " 28                        | 87                              | 35      | 13.4                               | Diphtheria and croup 4.                               |
| ST. PETERSBURG                   | 928,016                               | " 21                        | -                               | 497     | 27.0                               | Typ. & typd. fev. 13; meas. 37; diarr. dis. 105.      |
| BERLIN - -                       | 1,438,006                             | " 14                        | 832                             | 627     | 22.8                               | Diphtheria 17; meas. 8; diarrhoeal diseases 171.      |
| HAMBURG(State)                   | 550,694                               | " 21                        | 330                             | 251     | 23.8                               | Measles 25; diph. and croup 6; diarr. dis. 29.        |
| DRESDEN - -                      | 259,142                               | " 21                        | 164                             | 88      | 17.7                               | Diphtheria and croup 5.                               |
| BRESLAU - -                      | 313,451                               | " 28                        | 234                             | 142     | 24.2                               | Diarrhoeal diseases 40.                               |
| MUNICH - -                       | 275,000                               | " 21                        | 170                             | 150     | 28.0                               | Diphtheria and croup 2.                               |
| VIENNA - -                       | 800,836                               | " 21                        | 483                             | 349     | 22.7                               | Meas. 8; scar. fev. 6; diph. 3; diarr. dis. 48.       |
| PRAGUE - -                       | 295,857                               | " 21                        | -                               | 159     | 28.0                               | Small-pox 6; meas. 8; scarlet fever 3.                |
| BUDA-PESTH -                     | 442,787                               | " 21                        | 302                             | 299     | 35.1                               | Diph. 7; diarr. dis. 68.                              |
| TRIESTE - -                      | 166,042                               | " 21                        | -                               | 93      | 31.0                               | Sm.-pox 4; whooping-cough 3; diarr. dis. 15.          |
| ROME - -                         | 388,300                               | June 16                     | 199                             | 187     | 25.1                               | Meas. 6; typd. fev. 3; diarrhoeal diseases 27.        |
| TURIN (10 days)                  | 294,826                               | " 30                        | 198                             | 166     | 20.6                               | Diphtheria 8.   |
| VENICE - -                       | 150,502                               | July 21                     | 80                              | 52      | 18.0                               | Typd. fev. 3; diarr. dis. 13.                         |
| CAIRO - -                        | 374,838                               | " 12                        | 299                             | 540     | 75.2                               | Meas. 37; typd. fev. 15; diarrhoeal diseases 222.     |
| ALEXANDRIA -                     | 231,396                               | " 12                        | 176                             | 217     | 48.9                               | Typd. fev. 3; diarrhoeal diseases 80.                 |
| NEW YORK - -                     | 1,493,000                             | " 14                        | -                               | 1037    | 36.2                               | Measles 19; diph. 41; diarr. dis. 568.                |
| BROOKLYN - -                     | 774,870                               | " 14                        | -                               | 505     | 33.2                               | Diph. 16; diarr. dis. 201.                            |
| PHILADELPHIA -                   | 1,016,758                             | " 14                        | -                               | 449     | 23.0                               | Typd. fev. 13; sm.-pox 7; diarrhoeal dis. 86.         |
| BALTIMORE - -                    | 431,879                               | " 14                        | -                               | 246     | 29.7                               | Diarrhoeal diseases 90.                               |





OFFICIAL COPY.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 32. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, AUGUST 11. [Price 1½d.

General Register Office, Somerset House,  
14th August, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·6 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |          |         |          | TOWNS.             | Weeks ending |          |         |          |
|--------------|--------------|----------|---------|----------|--------------------|--------------|----------|---------|----------|
|              | July 21.     | July 28. | Aug. 4. | Aug. 11. |                    | July 21.     | July 28. | Aug. 4. | Aug. 11. |
| Birkenhead   | 13·6         | 13·6     | 17·2    | 19·3     | Liverpool -        | 15·3         | 17·1     | 18·6    | 19·0     |
| Birmingham   | 16·1         | 13·2     | 15·8    | 16·4     | London -           | 15·8         | 15·9     | 15·9    | 18·0     |
| Blackburn -  | 13·2         | 16·7     | 13·2    | 15·8     | Manchester -       | 21·1         | 20·3     | 21·9    | 23·0     |
| Bolton -     | 18·9         | 22·1     | 13·3    | 14·3     | Newcastle-on-Tyne* | 14·4         | 18·4     | 13·8    | 19·4     |
| Bradford*    | 16·1         | 12·7     | 13·6    | 17·7     | Norwich -          | 15·6         | 12·8     | 13·4    | 13·9     |
| Brighton -   | 12·2         | 8·3      | 10·0    | 14·3     | Nottingham*        | 12·7         | 12·0     | 12·7    | 16·3     |
| Bristol -    | 16·4         | 13·6     | 9·0     | 13·4     | Oldham -           | 18·9         | 16·2     | 15·9    | 14·7     |
| Cardiff*     | 13·5         | 16·3     | 12·0    | 18·7     | Plymouth -         | 14·8         | 14·8     | 16·8    | 23·5     |
| Derby -      | 13·0         | 8·1      | 13·0    | 9·2      | Portsmouth -       | 16·1         | 16·4     | 14·6    | 12·0     |
| Halifax -    | 16·3         | 25·4     | 18·2    | 18·2     | Preston -          | 20·2         | 14·1     | 19·7    | 18·7     |
| Huddersfield | 14·3         | 22·3     | 21·1    | 11·4     | Salford*           | 19·4         | 16·4     | 18·0    | 18·9     |
| Hull -       | 12·9         | 14·4     | 12·4    | 12·6     | Sheffield -        | 15·9         | 15·9     | 18·8    | 20·9     |
| Leeds -      | 18·9         | 16·6     | 16·5    | 19·9     | Sunderland -       | 14·2         | 15·8     | 13·4    | 13·1     |
| Leicester*   | 14·9         | 12·4     | 18·1    | 16·0     | Wolverhampton -    | 19·8         | 16·0     | 19·2    | 15·3     |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·1 in Bradford; from *scarlet fever*, 1·3 in Blackburn; from *whooping-cough*, 1·0 in Manchester; and from *diarrhæa*, 1·7 in London, 2·0 in Preston, 2·2 in Norwich, 2·7 in Liverpool, and 2·8 in Leeds. The death-rate from "*fever*" did not reach 1·0 in any of the twenty-eight towns. The 33 deaths from *diphtheria* in these towns included 25 in London and 3 in Nottingham. *Small-pox* caused 3 deaths in Manchester, one in Nottingham, and one in Preston, but not one in London or in any of the twenty-four other great towns.

### LONDON.

In LONDON† 2228 BIRTHS and 1476 DEATHS were registered. Allowing for increase of population, the births were 454, and the deaths 203, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·9 in each of the two preceding weeks, rose last week to 18·0, and exceeded the rate recorded in any week since April last. During the first six weeks of the current quarter the death-rate

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Nottingham, Newcastle-upon-Tyne, and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Nottingham, Newcastle-upon-Tyne, and Cardiff over-stated.  
† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



averaged 16·0 per 1000, and was 5·4 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1476 deaths included 51 from measles, 17 from scarlet fever, 25 from diphtheria, 27 from whooping-cough, 6 from enteric fever, 1 from an ill-defined form of continued fever, 138 from diarrhœa and dysentery, 5 from cholera and choleraic diarrhœa, and not one from small-pox or typhus; thus, 270 deaths were referred to these diseases, being 164 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 10; only 2 small-pox patients were under treatment in the Metropolitan Asylum Hospitals on Saturday last, and not one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 40 and 29 in the two preceding weeks, rose last week to 51, and exceeded the corrected average by 9; 4 belonged to Clerkenwell, 4 to Poplar, and 4 to Camberwell sanitary areas. The 17 deaths from *scarlet fever* showed a further slight decline from recent weekly numbers, and were 21 below the corrected average; 2 belonged to Pancras, 2 to Bethnal Green, and 3 to Poplar sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 821 scarlet fever patients, against numbers declining in the five preceding weeks from 924 to 828; 67 cases were admitted during the week, against 105, 87, and 73 in the three previous weeks. The fatal cases of *diphtheria*, which had been 15, 21, and 19 in the three previous weeks, rose last week to 25, and exceeded the corrected average by 9; 4 belonged to Kensington, 2 to Pancras, 3 to Islington, 3 to Hackney (including 2 in the German Hospital, admitted from Durrington Road, Homerton), 2 to St. George Southwark, and 3 to Lambeth sanitary areas. The 27 deaths from *whooping-cough* exceeded the number in the previous week by 2, but were 14 below the corrected average; 7 belonged to the North and 11 to the South groups of sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 62, 89, and 121 in the three previous weeks, further rose last week to 138, but were 119 below the corrected average; 130 were of children under five years of age, including 104 of infants under one year of age. The deaths of 4 infants were referred to *cholera infantum* or *choleraic diarrhœa*, and that of female, aged 29 years, in Plumstead, to *choleraic diarrhœa*; all these 5 deaths occurred in the South group of sanitary areas.

The deaths referred to *enteric fever*, which had been 15 and 9 in the two preceding weeks, further declined last week to 6, and were 12 below the corrected average; 2 belonged to the West and 2 to the South groups of sanitary areas. The death of a male, aged 22 years, was indefinitely referred to febricula. The Metropolitan Asylum Hospitals contained 78 cases of enteric fever, but not one of typhus, on Saturday last; 8 cases of enteric fever were admitted during the week, against 10 and 5 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 160 and 167 in the two preceding weeks, further rose last week to 183, but were 4 below the corrected average.

Different forms of violence caused 56 deaths; 50 were the result of negligence or accident, among which were 20 from fractures and contusions, 3 from burns and scalds, 12 from drowning, and 9 of infants under one year of age from suffocation. The 20 deaths from fractures and contusions were thus caused:—7 by accidents from vehicles in the street; 2 by accidents on railway; 1 by fall from ladder; 1 by fall from window; 1 by fall from factory loop-hole; 1 by fall from chair; 1 by fall from nurse's arms; 1 by fall in street; 3 by fall (one during intoxication), the nature of which was not stated, 1 by injury received while on toboggan-car, and 1 struck by swing. An inquest was held in each of these 20 cases. Five cases of suicide were registered, the corrected average being 9.

#### GREATER LONDON.

In Greater London 2929 births and 1791 deaths were registered, corresponding to annual rates of 27·6 and 16·9 per 1000 of the estimated population. In the Outer Ring 21 deaths from diarrhœa, 4 from measles, and 4 from diphtheria were registered. The fatal cases of diarrhœa included 4 in Mortlake and 5 in Walthamstow sub-districts.

Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during July will be found on pages 327-328.

## METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29.90 ins.; the lowest reading was 29.63 ins. on Sunday morning, and the highest 29.98 ins. on Monday morning. The mean temperature of the *air* was 63°.9, and 1°.2 above the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on Sunday, Monday, and Saturday, while it showed an excess on each of the other days of the week; the deficiency was 8°.6 on Monday, and the excess 8°.6 on Thursday. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 10.7 miles per hour, which corresponded with the average in the same weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0.11 of an inch. The duration of registered bright sunshine in the week was 47.5 hours, against 41.5 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of JULY 1888; according to their returns 169,387,002 gallons or 769,603 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 229 gallons (104.0 decalitres), rather more than a *ton* by weight, to each house, and 29.3 gallons (13.3 decalitres) to each person, against 33.3 gallons during July 1887.

| COMPANIES.                            | Number of Houses, &c.<br>supplied in |                | Average daily Supply of Water<br>in Gallons. |                |
|---------------------------------------|--------------------------------------|----------------|--|----------------|
|                                       | JULY.<br>1887.                       | JULY.<br>1888. | JULY.<br>1887.                               | JULY.<br>1888. |
| <b>TOTAL SUPPLY</b> . . .             | 727,543                              | 740,236        | 188,951,202                                  | 169,387,002    |
| From Thames . . . . .                 | 350,821                              | 356,848        | 97,736,280                                   | 89,853,966     |
| From Lea and from other Sources . . . | 376,722                              | 383,388        | 91,214,922                                   | 85,533,036     |
| <b>THAMES.</b>                        |                                      |                |  |                |
| Chelsea . . . . .                     | 34,496                               | 34,615         | 12,771,785                                   | 9,736,847      |
| West Middlesex . . . . .              | 69,254                               | 70,486         | 17,655,204                                   | 15,712,773     |
| Southwark and Vauxhall . . . . .      | 108,102                              | 109,755        | 26,479,881                                   | 23,489,887     |
| Grand Junction . . . . .              | 53,439                               | 54,456         | 20,075,316                                   | 17,003,659     |
| Lambeth . . . . .                     | 85,530                               | 87,536         | 20,754,094                                   | 17,910,800     |
| <b>LEA AND OTHER SOURCES.</b>         |                                      |                |  |                |
| New River . . . . .                   | 148,865                              | 150,557        | 36,326,000                                   | 32,459,000     |
| East London . . . . .                 | 158,721                              | 162,042        | 40,405,567                                   | 41,426,271     |
| Kent . . . . .                        | 69,136                               | 70,780         | 14,483,355                                   | 11,647,765     |

*Note.*—The Return for July 1888, compared with that for the corresponding month of 1887, shows an increase of 12,695 houses, and a decrease of 19,564,200 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING JULY.

Grove House, Pembroke Square, W.  
10th August, 1888.

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of July.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was :—Kent 0.7, Colne Valley 0.8, Tottenham 0.8, New River 0.9, East London 2.1, Southwark 2.2, Lambeth 2.8, Chelsea 2.8, West Middlesex 3.7, Grand Junction 3.9.

The Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies contained in every case a markedly increased proportion of organic matter as compared with the previous month's samples. This increase is due to the heavy rainfall and swollen state of the river, although the samples were collected prior to the severest floods which occurred at the latter end of the month. All the samples were clear and bright.

The water principally derived from the River Lea, and supplied by the New River and East London Companies exhibited no material alteration as regards organic matter, the proportion present in the New River Company's supply being but little in excess of that in the deep well waters, whilst that in the East London Company's water was less than in any of the Thames supplies. Both samples were clear and bright.

The deep-well waters of the Kent and Colne Valleys Companies and of the Tottenham Local Board of Health contained, as usual, only a very small proportion of organic matter, and the



Colne Valley Company by softening their supply with lime thereby rendered it also of excellent quality for washing and all other domestic purposes.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and Tottenham, clear and colourless; New River, clear and nearly colourless; Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, and East London, clear and pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town "was somewhat inferior in quality owing to the heavy rain-fall."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

|               | COMPANIES<br>OR LOCAL AUTHORITIES. | Date<br>and Place of Collection.                                | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic<br>Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|---------------|------------------------------------|---|---------------------------------------|---------------------------|--------------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
|               |                                    |   |                                       |                           |                    |                   |          |  |                             |           |                 |
| Inner Circle. | THAMES.                            |   | °                                     |                           |                    |                   |          |  |                             |           |                 |
|               | Chelsea - - -                      | { July 17th,<br>Cab Rank, Horseguards,<br>Whitehall. }          | 16·3                                  | 24·62                     | ·139               | ·027              | 0        | ·159                                     | ·186                        | 1·8       | 18·3            |
|               | West Middlesex -                   | { July 17th,<br>Cab Rank, Portland-road. }                      | 17·4                                  | 25·60                     | ·193               | ·029              | 0        | ·182                                     | ·211                        | 1·8       | 18·6            |
|               | Southwark - - -                    | { July 17th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. } | 16·5                                  | 28·80                     | ·109               | ·023              | 0        | ·179                                     | ·202                        | 1·9       | 20·6            |
|               | Grand Junction -                   | { July 17th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. } | 16·5                                  | 26·70                     | ·192               | ·038              | 0        | ·188                                     | ·226                        | 1·8       | 19·4            |
|               | Lambeth - - -                      | { July 17th,<br>Cab Rank, St. George's-<br>road, Southwark. }   | 16·3                                  | 27·44                     | ·141               | ·023              | 0        | ·190                                     | ·213                        | 1·9       | 19·4            |
|               | LEA.                               |   |                                       |                           |                    |                   |          |  |                             |           |                 |
|               | New River - - -                    | { July 17th,<br>Cab Rank, Tottenham<br>Court-road. }            | 16·1                                  | 29·10                     | ·043               | ·012              | 0        | ·255                                     | ·267                        | 2·0       | 21·2            |
| Outer Circle. | East London -                      | { July 17th,<br>Fire Brigade Station,<br>Commercial-road, E. }  | 16·5                                  | 29·86                     | ·108               | ·019              | 0        | ·294                                     | ·313                        | 2·1       | 21·8            |
|               | DEEP WELLS.                        |   |                                       |                           |                    |                   |          |  |                             |           |                 |
|               | Kent - - - -                       | { July 17th,<br>Mill Lane, Deptford. }                          | 12·7                                  | 42·26                     | ·033               | ·008              | 0        | ·478                                     | ·486                        | 2·6       | 32·6            |
|               | Colne Valley - -                   | { July 30th,<br>Bushey. }                                       | —                                     | 16·00                     | ·032               | ·014              | ·005     | ·335                                     | ·403                        | 1·8       | 7·4             |
|               | Tottenham - - -                    | { July 18th,<br>Tottenham. }                                    | —                                     | 38·40                     | ·038               | ·010              | ·050     | ·037                                     | ·088                        | 2·7       | 22·1            |
|               | Corporation of Birmingham* - - - - | { July 3rd,<br>47, Curzon-street. }                             | 15·0                                  | 25·78                     | ·201               | ·032              | ·001     | ·066                                     | ·104                        | 1·3       | 14·7            |
|               | Corporation of Glasgow† -          | { July 16th,<br>Loch Katrine Water. }                           | 13·5                                  | 2·60                      | ·128               | ·032              | 0        | ·004                                     | ·036                        | ·7        | 1·0             |
|               | Column 1.                          | 2.  | 3.                                    | 4.                        | 5.                 | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

The numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, all relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 17th July at the Horseguards cab-rank, had a temperature of 16°·3 C.; 100,000 lbs. of it contained 24·62 lbs of solid matter; the organic substances, constituting a portion of this matter, contained ·139 lb of carbon and ·027 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·159 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·186 lb. The above weight of water also contained 1·8 lbs. of chlorine; and 18·3 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | Registered during<br>the week ending<br>11th Aug., 1888. |         |                                    | Deaths of<br>Persons aged<br>60 Years<br>or over. |          | Deaths from       |             |                     |        |            |           |                |                                      | RAINFALL.                        |                     | CITIES<br>AND<br>BOROUGH. |                         |                         |                         |             |             |          |         |                |
|---------------------------|---|--|---------|------------------------------------|---|----------|-------------------|-------------|---------------------|--------|------------|-----------|----------------|--------------------------------------|----------------------------------|---------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------|-------------|----------|---------|----------------|
|                           |   | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unidentified<br>Causes of Death. | From All<br>Causes. |                           | From 10 to 15<br>Years. | From 16 to 20<br>Years. | TEMPERATURE OF THE AIR. |             |             |          |         |                |
|                           |   |  |         |                                    |   |          |                   |             |                     |        |            |           |                |                                      |                                  |                     |                           |                         |                         | Mean.                   | Centigrade. | Fahrenheit. | Highest. | Lowest. | Fahrenheit.    |
| Cols.                     | 1.  | 2.   | 3.      | 4.                                 | 5.  | 6.       | 7.                | 8.          | 9.                  | 10.    | 11.        | 12.       | 13.            | 14.                                  | 15.                              | 16.                 | 17.                       | 18.                     | 19.                     | 20.                     | 21.         | 22.         | 23.      | 24.     | Cols.          |
| 28 TOWNS *                | 9,398,273   | 4984   | 3174    | 998                                | 608   | 5        | 74                | 35          | 33                  | 61     | 22         | 247       | 130            | 214                                  | 587                              | 68                  | 17-6                      | 2-6                     | 87-7                    | 43-6                    | 59-7        | 15-39       | 0-21     | 0-53    | - 28 TOWNS.    |
| LONDON *                  | 4,282,921   | 2228   | 1476    | 493                                | 238   | -        | 51                | 17          | 25                  | 27     | 7          | 188       | 56             | 100                                  | 341                              | 14                  | 18-0                      | 3-2                     | 87-7                    | 47-1                    | 63-9        | 17-72       | 0-11     | 0-28    | LONDON.        |
| BRIGHTON *                | 119,983   | 39   | 32      | 9                                  | 9   | -        | -                 | -           | -                   | -      | -          | 1         | 3              | 3                                    | 8                                | 1                   | 14-3                      | 0-9                     | 72-7                    | 48-7                    | 60-2        | 15-67       | 0-03     | 0-08    | BRIGHTON.      |
| PORTSMOUTH                | 139,575   | 89   | 32      | 9                                  | 9   | -        | -                 | -           | -                   | -      | -          | 4         | 2              | 4                                    | 4                                | -                   | 12-0                      | 0-7                     | -                       | -                       | -           | -           | -        | -       | PORTSMOUTH.    |
| NORWICH                   | 83,675  | 57   | 25      | 12                                 | 9   | -        | -                 | -           | -                   | -      | -          | 4         | -              | -                                    | -                                | -                   | 13-9                      | 2-2                     | -                       | -                       | -           | -           | -        | -       | NORWICH.       |
| PLYMOUTH                  | 77,674  | 42   | 35      | 9                                  | 10  | -        | -                 | -           | -                   | -      | -          | -         | 1              | 4                                    | 5                                | 1                   | 23-5                      | 0-0                     | 72-0                    | 52-2                    | 40-1        | 15-61       | 0-25     | 0-63    | PLYMOUTH.      |
| BRISTOL                   | 226,510   | 84   | 58      | 15                                 | 10  | -        | -                 | -           | 1                   | 1      | 1          | 1         | 2              | 2                                    | 8                                | 1                   | 13-4                      | 1-2                     | 79-8                    | 47-0                    | 61-0        | 16-11       | 0-06     | 0-15    | BRISTOL.       |
| WOLVERHAMPTON             | 81,691  | 32   | 24      | 6                                  | 7   | -        | -                 | -           | 1                   | 1      | -          | 1         | 2              | 2                                    | 7                                | -                   | 15-3                      | 1-3                     | 80-3                    | 43-6                    | 59-9        | 15-50       | 0-13     | 0-83    | WOLVERHAMPTON. |
| BIRMINGHAM                | 447,912   | 249  | 141     | 39                                 | 40  | -        | 3                 | -           | 1                   | 1      | 1          | 8         | 6              | 10                                   | 35                               | 6                   | 16-4                      | 1-6                     | -                       | -                       | -           | -           | -        | -       | BIRMINGHAM.    |
| LEICESTER *               | 146,790   | 77   | 45      | 21                                 | 13  | -        | 1                 | 1           | -                   | 2      | 2          | 2         | 2              | 4                                    | 5                                | 1                   | 16-0                      | 1-1                     | -                       | -                       | -           | -           | -        | -       | LEICESTER.     |
| NOTTINGHAM *              | 230,421   | 105  | 72      | 19                                 | 13  | 1        | 2                 | 1           | 3                   | 4      | 2          | 4         | 4              | 5                                    | 11                               | 1                   | 16-3                      | 3-8                     | 82-6                    | 45-6                    | 61-0        | 16-11       | 0-22     | 0-56    | NOTTINGHAM.    |
| DERBY                     | 96,241  | 55   | 17      | 5                                  | 1   | -        | -                 | -           | -                   | 1      | -          | -         | 1              | 1                                    | 3                                | 1                   | 9-2                       | 0-5                     | -                       | -                       | -           | -           | -        | -       | DERBY.         |
| BIRKENHEAD                | 100,093   | 48   | 37      | 9                                  | 10  | -        | -                 | -           | -                   | -      | -          | 3         | 3              | 5                                    | 5                                | 1                   | 19-3                      | 1-6                     | -                       | -                       | -           | -           | -        | -       | BIRKENHEAD.    |
| LIVERPOOL                 | 639,738   | 318  | 218     | 83                                 | 23  | -        | 2                 | 1           | -                   | 4      | 2          | 31        | 8              | 11                                   | 25                               | 11                  | 19-0                      | 3-5                     | 74-9                    | 51-3                    | 59-9        | 15-50       | 0-40     | 1-02    | LIVERPOOL.     |
| BOLTON                    | 113,566   | 69   | 31      | 7                                  | 6   | -        | -                 | 2           | -                   | 1      | -          | 3         | 1              | 2                                    | 3                                | -                   | 14-3                      | 2-8                     | -                       | -                       | -           | -           | -        | -       | BOLTON.        |
| MANCHESTER                | 378,164   | 231  | 167     | 44                                 | 24  | 3        | 3                 | 3           | -                   | 7      | 1          | 8         | 8              | 19                                   | 47                               | 1                   | 23-0                      | 3-4                     | -                       | -                       | -           | -           | -        | -       | MANCHESTER.    |
| SALFORD *                 | 226,336   | 123  | 82      | 34                                 | 15  | -        | -                 | -           | 1                   | 2      | -          | 5         | 3              | 5                                    | 10                               | 4                   | 18-9                      | 1-8                     | -                       | -                       | -           | -           | -        | -       | SALFORD.       |
| OLDHAM                    | 138,220   | 91   | 39      | 16                                 | 8   | -        | -                 | -           | -                   | -      | -          | -         | 1              | 1                                    | 2                                | 3                   | 14-7                      | 0-0                     | -                       | -                       | -           | -           | -        | -       | OLDHAM.        |
| BLACKBURN                 | 119,093   | 75   | 36      | 7                                  | 10  | -        | -                 | 3           | -                   | 1      | -          | 1         | 1              | 1                                    | 1                                | 2                   | 15-8                      | 2-2                     | -                       | -                       | -           | -           | -        | -       | BLACKBURN.     |
| PRESTON                   | 103,234   | 69   | 27      | 11                                 | 3   | 1        | -                 | -           | -                   | -      | -          | 4         | 2              | 2                                    | 3                                | -                   | 18-7                      | 2-5                     | -                       | -                       | -           | -           | -        | -       | PRESTON.       |
| HUDDESFIELD               | 91,419  | 39   | 20      | 2                                  | 7   | -        | -                 | -           | 1                   | -      | -          | -         | -              | -                                    | 2                                | 2                   | 11-4                      | 0-6                     | -                       | -                       | -           | -           | -        | -       | HUDDESFIELD.   |
| HALEFAX                   | 80,133  | 50   | 28      | 8                                  | 10  | -        | -                 | -           | -                   | 1      | 1          | 1         | -              | -                                    | 4                                | 1                   | 18-2                      | 1-3                     | -                       | -                       | -           | -           | -        | -       | HALEFAX.       |
| BRADFORD *                | 229,721   | 113  | 78      | 16                                 | 19  | -        | 5                 | -           | -                   | 1      | 1          | 1         | -              | 3                                    | 6                                | 9                   | 17-7                      | 2-0                     | 75-7                    | 48-2                    | 58-5        | 14-72       | 0-25     | 0-63    | BRADFORD.      |
| LEEDS                     | 351,210   | 183  | 134     | 44                                 | 31  | -        | 6                 | 1           | -                   | 4      | 2          | 19        | 3              | 7                                    | 13                               | 3                   | 19-9                      | 4-8                     | -                       | -                       | -           | -           | -        | -       | LEEDS.         |
| SHEFFIELD                 | 321,711   | 143  | 129     | 33                                 | 24  | -        | -                 | 3           | -                   | 4      | 3          | 7         | 3              | 3                                    | 12                               | 10                  | 20-9                      | 2-8                     | -                       | -                       | -           | -           | -        | -       | SHEFFIELD.     |
| HULL                      | 202,359   | 110  | 49      | 13                                 | 18  | -        | -                 | -           | 1                   | -      | -          | -         | 2              | 2                                    | 4                                | 5                   | 12-6                      | 0-8                     | 79-0                    | 44-0                    | 58-5        | 14-72       | 0-06     | 0-15    | HULL.          |
| SUNDERLAND                | 131,919   | 76   | 33      | 10                                 | 10  | -        | -                 | -           | -                   | -      | -          | -         | 2              | 2                                    | 3                                | -                   | 13-1                      | 0-4                     | 71-0                    | 44-0                    | 56-0        | 13-33       | 0-11     | 0-28    | SUNDERLAND.    |
| NEWCASTLE *               | 159,003   | 114  | 59      | 15                                 | 14  | -        | -                 | -           | -                   | -      | -          | 1         | 1              | 3                                    | 9                                | 1                   | 19-4                      | 0-7                     | 71-0                    | 46-0                    | 58-2        | 14-56       | 0-66     | 1-03    | NEWCASTLE.     |
| CARDIFF                   | 108,570   | 70   | 39      | 9                                  | 5   | -        | 1                 | -           | 1                   | 1      | -          | 1         | 8              | 8                                    | 3                                | -                   | 13-7                      | 1-4                     | -                       | -                       | -           | -           | -        | -       | CARDIFF.       |
| EDINBURGH                 | 262,733   | 130  | 75      | 22                                 | 12  | -        | -                 | -           | 2                   | -      | 1          | 1         | 5              | ?                                    | 15                               | 15                  | 14-9                      | 0-8                     | 68-5                    | 44-0                    | 57-1        | 13-94       | 0-27     | 0-69    | EDINBURGH.     |
| GLASGOW                   | 556,088   | 365  | 166     | 41                                 | 30  | -        | 4                 | -           | -                   | 3      | 1          | 8         | 4              | ?                                    | 24                               | 25                  | 16-5                      | 1-6                     | -                       | -                       | -           | -           | -        | -       | GLASGOW.       |
| DUBLIN                    | 363,082   | 179  | 131     | 26                                 | 26  | -        | -                 | 3           | -                   | 3      | 2          | 4         | 3              | 2                                    | 34                               | 16                  | 19-4                      | 1-8                     | 70-5                    | 4-1                     | 59-9        | 15-50       | 0-32     | 0-81    | DUBLIN.        |



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-SECOND Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2241 | 2327 | 2602 | 2477 | 2304 | 2261 | 2212 | 2885 | 2655 | 2634 | 2682.8   | 2228 |
| Males . .           | 1142 | 1211 | 1327 | 1286 | 1214 | 1162 | 1125 | 1505 | 1367 | 1351 | 1383.8   | 1165 |
| Females .           | 1099 | 1116 | 1275 | 1191 | 1090 | 1099 | 1087 | 1380 | 1288 | 1283 | 1298.5   | 1063 |
| <b>TOTAL Deaths</b> | 1694 | 1223 | 1670 | 1573 | 1432 | 1312 | 1624 | 1472 | 1505 | 1835 | 1678.8   | 1476 |
| Males . .           | 890  | 648  | 894  | 805  | 785  | 653  | 862  | 766  | 793  | 980  | 880.7  | 773  |
| Females .           | 804  | 575  | 776  | 773  | 647  | 659  | 762  | 706  | 712  | 905  | 798.1  | 703  |

\* The numbers in this column are the average weekly numbers in the thirty-second weeks of the ten years 1878-87 raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |              |   | May<br>19. | May<br>26. | June<br>2. | June<br>9. | June<br>16. | June<br>23. | June<br>30. | July<br>7. | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. |
|--|--------------|---|------------|------------|------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|
| <b>TOTAL Births</b>                      | -            | - | 2364       | 2278       | 2491       | 2430       | 2399        | 2534        | 2289        | 2348       | 2520        | 2385        | 2353        | 2530       | 2228        |
| <b>TOTAL Deaths</b>                      | -            | - | 1469       | 1361       | 1323       | 1219       | 1167        | 1190        | 1238        | 1211       | 1288        | 1297        | 1308        | 1309       | 1476        |
| 0—20                                     | -            | - | 637        | 608        | 581        | 527        | 503         | 536         | 562         | 576        | 628         | 636         | 670         | 726        | 816         |
| 20—40                                    | -            | - | 212        | 180        | 178        | 156        | 176         | 149         | 171         | 172        | 160         | 168         | 155         | 131        | 174         |
| 40—60                                    | -            | - | 272        | 256        | 266        | 248        | 208         | 226         | 213         | 208        | 229         | 242         | 206         | 205        | 228         |
| 60—80                                    | -            | - | 276        | 268        | 255        | 245        | 234         | 242         | 241         | 205        | 230         | 202         | 217         | 195        | 217         |
| at 80 years & upwds.                     | -            | - | 72         | 49         | 43         | 43         | 46          | 37          | 51          | 50         | 41          | 49          | 60          | 52         | 41          |
| Deaths of children {                     | Under 1 year | - | 296        | 322        | 288        | 264        | 251         | 281         | 297         | 302        | 359         | 384         | 385         | 449        | 493         |
|  | 1—5          | - | 254        | 204        | 184        | 176        | 163         | 155         | 178         | 203        | 182         | 177         | 186         | 200        | 233         |
|  | 5—20         | - | 87         | 82         | 109        | 87         | 89          | 100         | 87          | 71         | 87          | 75          | 99          | 77         | 90          |
| Deaths from Small-pox                    | -            | - | 18         | 23         | 24         | 25         | 21          | 18          | 20          | 23         | 26          | 25          | 40          | 29         | 51          |
| “ “ Measles                              | -            | - | 13         | 17         | 19         | 23         | 19          | 10          | 19          | 10         | 18          | 14          | 23          | 18         | 17          |
| “ “ Scarlet fever                        | -            | - | 29         | 19         | 26         | 22         | 18          | 15          | 28          | 29         | 24          | 15          | 21          | 19         | 25          |
| “ “ Diphtheria                           | -            | - | 64         | 64         | 37         | 33         | 34          | 33          | 27          | 31         | 32          | 33          | 30          | 25         | 27          |
| “ “ Whooping-cough                       | -            | - | 12         | 10         | 9          | 8          | 8           | 15          | 10          | 7          | 12          | 8           | 15          | 9          | 6           |
| “ “ Typhus                               | -            | - | 12         | 10         | 9          | 8          | 8           | 15          | 10          | 7          | 12          | 8           | 15          | 9          | 6           |
| “ “ Enteric fever                        | -            | - | —          | 3          | —          | 1          | 1           | —           | —           | 2          | 1           | —           | 1           | —          | 1           |
| “ “ Simple Cont'd fever                  | -            | - | 15         | 9          | 19         | 18         | 16          | 18          | 36          | 51         | 72          | 62          | 89          | 121        | 138         |
| “ “ Diarrhoea and Dysentery              | -            | - | —          | —          | —          | —          | —           | —           | —           | —          | —           | —           | —           | —          | —           |
| “ “ Cholera                              | -            | - | —          | 2          | 1          | —          | —           | —           | 2           | 3          | 3           | 2           | 4           | 4          | 5           |
| Deaths from the above-mentioned Diseases | -            | - | 151        | 147        | 135        | 130        | 117         | 109         | 142         | 156        | 189         | 160         | 223         | 225        | 270         |
| “ “ Dis. of Respiratory System           | -            | - | 296        | 228        | 237        | 185        | 213         | 184         | 156         | 176        | 164         | 166         | 160         | 167        | 183         |
| “ “ Phthisis                             | -            | - | 176        | 151        | 157        | 135        | 119         | 133         | 117         | 114        | 114         | 141         | 117         | 123        | 131         |
| “ “ Dis. of Circulatory System           | -            | - | 105        | 119        | 109        | 101        | 89          | 95          | 101         | 96         | 110         | 118         | 92          | 93         | 123         |
| Violent Deaths                           | -            | - | 63         | 65         | 73         | 51         | 71          | 63          | 64          | 65         | 56          | 54          | 63          | 49         | 56          |
| Inquest Cases                            | -            | - | 113        | 108        | 111        | 90         | 103         | 105         | 111         | 107        | 125         | 104         | 89          | 97         | 100         |
| Deaths in Public Institutions            | -            | - | 370        | 345        | 326        | 275        | 312         | 280         | 302         | 285        | 300         | 314         | 305         | 260        | 341         |
| TEMPERATURE OF THE AIR                   |              |   |            |            |            |            |             |             |             |            |             |             |             |            |             |
| Mean                                     | -            | - | 55.9       | 54.0       | 55.8       | 58.9       | 57.1        | 54.2        | 61.9        | 56.4       | 55.8        | 59.4        | 60.3        | 56.9       | 63.9        |
| Mean of Highest readings                 | -            | - | 68.0       | 66.0       | 69.1       | 71.0       | 69.5        | 61.8        | 72.3        | 65.3       | 64.7        | 68.6        | 69.9        | 67.5       | 75.2        |
| Mean of Lowest readings                  | -            | - | 45.6       | 43.2       | 44.3       | 49.8       | 47.8        | 48.1        | 54.3        | 50.8       | 43.2        | 52.8        | 53.8        | 50.4       | 54.3        |
| Humidity of the Air                      | -            | - | 69         | 68         | 69         | 77         | 72          | 86          | 83          | 87         | 77          | 83          | 81          | 87         | 75          |
| Rain-fall in inches                      | -            | - | 0.32       | 0.00       | 0.16       | 0.17       | 0.54        | 0.27        | 2.37        | 0.90       | 0.44        | 1.61        | 1.11        | 4.29       | 0.11        |
| Registered Sunshine (in hours)           | -            | - | 39.4       | 62.3       | 43.8       | 21.2       | 51.7        | 17.7        | 29.9        | 18.5       | 23.2        | 11.8        | 34.3        | 22.0       | 47.5        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Clapham, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R. Met. Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Carr, Esq., Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandborough, Esq., F.G.S., F.R. Met. Soc., Bradford; Mr. F. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SECOND Week of the Year 1888.

| CAUSES OF DEATH.                          | Corrected Averages for the 32nd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 11th August 1888. |           |      |       |                  |                  |                  |                       |   |  | Corrected Averages for the 32nd Weeks of the 10 years 1878-87.* | CAUSES OF DEATH.  | Corrected Averages for the 32nd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 11th August 1888. |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
|---|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|--|---|---|---|--|----|----|----|----|----|----|----|---|--|------|------|-------|------------------|------------------|
|   |   | Deaths of Persons of the Ages                  |           |      |       |                  |                  |                  |                       |   |  |   |   |   | Deaths of Persons of the Ages                  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
|   |   | ALL AGES.                                      | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |  |   |   |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
|   |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |  |   |   |   |  |    |    |    |    |    |    |    |   |  | 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. |
| ALL CAUSES - -                            | 1678.8  | 1476   | 403       | 233  | 90    | 174              | 223              | 217              | 41                    |   |  |   | Diseases of Organs of Special Sense † - -               | 1.9   | 2  | -  | -  | -  | 1  | 1  | -  | -  |   |  |      |      |       |                  |                  |
| Small-pox { Vaccinated † - -              | 9.6   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Diseases of Circulatory System - - -                    | 83.8  | 123  | 3  | 1  | 11 | 18 | 40 | 43 | 4  |   |  |      |      |       |                  |                  |
| Unvaccinated - - -                        |   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Croup - - -   | 12.3  | 8  | -  | 7  | 1  | -  | -  | -  | -  |   |  |      |      |       |                  |                  |
| No Statement - - -                        |   | -  | -         | -    | -     | -                | -                | -                | -                     | - |  |   | Bronchitis - - -  | 91.2  | 88   | 35 | 24 | 1  | -  | -  | -  | -  |   |  |      |      |       |                  |                  |
| Measles - - -                             | 42.2  | 51   | 15        | 38   | -     | -                | -                | -                | -                     |   |  |   | Pneumonia - - -   | 53.8  | 63   | 15 | 27 | 1  | 3  | 9  | 17 | 10 | 2 |  |      |      |       |                  |                  |
| Scarlet Fever - - -                       | 38.4  | 17   | -         | 10   | 6     | 1                | -                | -                | -                     |   |  |   | Pleurisy - - -  | 4.4   | 5  | -  | 1  | -  | 1  | 1  | 2  | -  |   |  |      |      |       |                  |                  |
| Diphtheria - - -                          | 1.1   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Other Diseases of Respiratory System - - -              | 19.8  | 19   | 3  | 8  | -  | 3  | 3  | 1  | 1  |   |  |      |      |       |                  |                  |
| Whooping-cough † - -                      | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Dentition † - - -                                       | 14.3  | 14   | 9  | 5  | -  | -  | -  | -  | -  |   |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Quinsy, Sore Throat † -                                 | 1.9   | 1  | -  | -  | -  | -  | -  | -  | -  |   |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 41.2  | 27   | 15        | 12   | -     | -                | -                | -                | -                     |   |  |   | Enteritis - - -   | 15.0  | 17   | 9  | 3  | 3  | 1  | -  | 1  | -  |   |  |      |      |       |                  |                  |
| Diphtheria - - -                          | 16.0  | 25   | -         | 17   | 7     | 1                | -                | -                | -                     |   |  |   | Peritonitis - - -                                       | 7.6   | 3  | -  | -  | 2  | -  | -  | -  | -  |   |  |      |      |       |                  |                  |
| Measles Continued and ill-defined Fever - | 1.5   | 1  | -         | -    | -     | 1                | -                | -                | -                     |   |  |   | Diseases of Liver - - -                                 | 34.0  | 23   | 3  | -  | -  | 4  | 14 | 7  | -  |   |  |      |      |       |                  |                  |
| Scarlet Fever - - -                       | 18.1  | 6  | -         | -    | 2     | 3                | -                | 1                | -                     |   |  |   | Other Diseases of Digestive System -                    | 29.9  | 34   | 8  | 2  | 3  | 2  | 6  | 13 | -  |   |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 8.6   | 5  | 3         | 1    | -     | 1                | -                | -                | -                     |   |  |   | Diseases of Lymphatic System & of Ductless Glands † - - | 2.3   | 1  | -  | -  | -  | -  | 1  | -  | -  |   |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 257.0   | 138  | 104       | 26   | -     | -                | 2                | 3                | 3                     |   |  |   | Diseases of Urinary System - - -                        | 33.0  | 39   | -  | -  | 3  | 8  | 10 | 14 | 4  |   |  |      |      |       |                  |                  |
| Scarlet Fever - - -                       | 0.4   | 1  | -         | -    | 1     | -                | -                | -                | -                     |   |  |   | Diseases of Generative System - - -                     | 4.1   | 6  | -  | -  | -  | 1  | 3  | 2  | -  |   |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 0.1   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Accidents of Childbirth -                               | 4.7   | 4  | -  | -  | -  | 3  | 1  | -  | -  |   |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Diseases of Locomotive System † - - -                   | 7.8   | 4  | -  | -  | 2  | -  | 2  | -  | -  |   |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 0.9   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Diseases of Integumentary System - - -                  | 5.5   | 4  | 1  | -  | -  | -  | 2  | -  | 1  |   |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 10.4  | 13   | 12        | 1    | -     | -                | -                | -                | -                     |   |  |   | VIOLENT DEATHS. ‡                                       |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 7.1   | 1  | -         | -    | -     | -                | -                | 1                | -                     |   |  |   | ACCIDENT.)  |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
| Measles and Septicæmia †                  | 2.3   | 5  | -         | 1    | -     | 3                | 1                | -                | -                     |   |  |   | Fracture and Contusion -                                | 22.4  | 20   | -  | 1  | 1  | 2  | 7  | 5  | 2  | 1 |  |      |      |       |                  |                  |
| Scarlet Fever - - -                       | 4.7   | 2  | -         | -    | 2     | -                | -                | -                | -                     |   |  |   | Gunshot Wound - - -                                     | 0.3   | -  | -  | -  | -  | -  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 0.4   | 1  | -         | 1    | -     | -                | -                | -                | -                     |   |  |   | Cut, Stab - - -   | 0.8   | 2  | -  | -  | -  | 1  | 1  | -  | -  | - |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 4.9   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Burn and Scald - - -                                    | 3.2   | 3  | -  | 3  | -  | -  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     |   |  |   | Poison - - -  | 1.5   | 1  | -  | -  | -  | 1  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 8.2   | 2  | 2         | -    | -     | -                | -                | -                | -                     |   |  |   | Drowning - - -  | 12.4  | 12   | -  | -  | 6  | 4  | 2  | -  | -  | - |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 5.2   | 4  | -         | -    | 3     | -                | 1                | -                | -                     |   |  |   | Suffocation - - -                                       | 8.9   | 11   | 9  | -  | -  | 1  | 1  | -  | -  | - |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 7.0   | 2  | -         | -    | 2     | -                | -                | -                | -                     |   |  |   | Otherwise - - -   | 4.5   | 1  | -  | 1  | -  | -  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 3.0   | 2  | -         | -    | -     | 1                | 1                | -                | -                     |   |  |   | (HOMICIDE.)   |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 2.2   | 2  | -         | -    | -     | 1                | -                | -                | -                     |   |  |   | Murder & Manslaughter                                   | 2.1   | 1  | 1  | -  | -  | -  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 2.6   | 4  | 3         | 1    | -     | -                | -                | -                | -                     |   |  |   | (SUICIDE.)  |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 50.1  | 52   | -         | 3    | 6     | 24               | 13               | 1                | -                     |   |  |   | Gunshot Wound - - -                                     | 0.7   | -  | -  | -  | -  | -  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 51.5  | 35   | 26        | 5    | 3     | 1                | -                | -                | -                     |   |  |   | Cut, Stab - - -   | 1.4   | 1  | -  | -  | -  | -  | -  | 1  | -  | - |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 34.0  | 26   | 13        | 7    | 6     | -                | -                | -                | -                     |   |  |   | Poison - - -  | 1.8   | 1  | -  | -  | -  | -  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 160.3   | 131  | 3         | 3    | 15    | 62               | 39               | 9                | -                     |   |  |   | Drowning - - -  | 2.0   | 1  | -  | -  | -  | -  | 1  | -  | -  | - |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 19.6  | 17   | 11        | 3    | 1     | 2                | -                | -                | -                     |   |  |   | Hanging - - -   | 2.0   | 1  | -  | -  | -  | -  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 7.4   | 18   | 2         | -    | 2     | 3                | 7                | 4                | -                     |   |  |   | Otherwise - - -   | 0.9   | 1  | -  | -  | 1  | -  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 34.1  | 44   | 44        | -    | -     | -                | -                | -                | -                     |   |  |   | (EXECUTION.)  |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 3.2   | 5  | 5         | -    | -     | -                | -                | -                | -                     |   |  |   | Hanging - - -   | 0.0   | -  | -  | -  | -  | -  | -  | -  | -  | - |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 7.6   | 8  | 7         | -    | 1     | -                | -                | -                | -                     |   |  |   | OTHER CAUSES † - -                                      | 85.3  | 58   | 52 | 4  | -  | 1  | -  | 1  | -  | - |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 44.3  | 40   | -         | -    | -     | -                | -                | 22               | 13                    |   |  |   |   |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 39.4  | 43   | 1         | 1    | -     | 4                | 21               | 13               | 3                     |   |  |   |   |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 5.7   | 10   | -         | -    | 2     | 3                | 3                | 2                | -                     |   |  |   |   |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
| Whooping-cough - -                        | 49.7  | 61   | 53        | 8    | -     | -                | -                | -                | -                     |   |  |   |   |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |
| Erysipelas - - -                          | 84.8  | 95   | 25        | 13   | 3     | 9                | 24               | 19               | 2                     |   |  |   |   |   |  |    |    |    |    |    |    |    |   |  |      |      |       |                  |                  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan and Hospital, outside Registration London (see Table 5).

The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.

As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical man, the case is returned under the heading "no statement."

The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET, during the Week ending

| The DEATHS registered in the Week include                                   |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |
|---|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|----------------|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Deaths during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |                |                                   |
|   |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |
| LONDON . . . . .  | 3,815,704                                    | 2228                                | 1476                                | 493                             | 258                                 | -           | 51       | 17             | 25          | 27              | -       | 6                              | 1                            | 133        | 56        | 100 | 341            |                                   |
| WEST DISTRICTS . . . . .  | 669,633                                      | 337                                 | 231                                 | 65                              | 42                                  | -           | 3        | 3              | 5           | 5               | -       | 2                              | -                            | 22         | 7         | 12  | 75             |                                   |
| NORTH DISTRICTS . . . . .   | 905,947                                      | 494                                 | 307                                 | 115                             | 60                                  | -           | 10       | 7              | 6           | 7               | -       | 1                              | -                            | 27         | 11        | 21  | 53             |                                   |
| CENTRAL DISTRICTS . . . . .   | 262,238                                      | 126                                 | 104                                 | 29                              | 13                                  | -           | 8        | -              | 3           | 1               | -       | -                              | -                            | 12         | 9         | 14  | 40             |                                   |
| EAST DISTRICTS . . . . .  | 692,738                                      | 433                                 | 338                                 | 105                             | 67                                  | -           | 17       | 2              | 3           | 3               | -       | -                              | -                            | 37         | 14        | 26  | 87             |                                   |
| SOUTH DISTRICTS . . . . .   | 1,265,148                                    | 838                                 | 495                                 | 179                             | 76                                  | -           | 13       | 4              | 8           | 11              | -       | 3                              | 1                            | 40         | 15        | 27  | 85             |                                   |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -  | -                                   | 1                                   | -                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1              |                                   |
| WEST DISTRICTS.   |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |
| St. Mary Paddington WHH G.J. & W.M.   | 69833  | 44                                  | 23                                  | 5                               | 2                                   | -           | 2        | -              | 1           | 1               | -       | -                              | -                            | 2          | 1         | 1   | 5              |                                   |
| St. John Paddington H - - G.J.  | 37330  | 5                                   | 15                                  | 3                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 2   | 10             |                                   |
| Kensington Town Ww - - W.M.   | 12041  | 52                                  | 40                                  | 6                               | 14                                  | -           | -        | -              | 3           | 1               | -       | -                              | -                            | 3          | -         | -   | 13             |                                   |
| Brompton HH - - W.M. & C.   | 43010  | 11                                  | 12                                  | 4                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -   | 2              |                                   |
| St. Peter Hammersmith - - W.M.  | 7599   | 2                                   | 2                                   | -                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| St. Paul Hammersmith H W.M. & G.J.  | 43400  | 45                                  | 28                                  | 14                              | 4                                   | -           | 1        | 2              | -           | 1               | -       | 1                              | -                            | 4          | 1         | 2   | 4              |                                   |
| Fulham Hw - - W.M. & C.   | 42900  | 50                                  | 20                                  | 8                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 7              |                                   |
| Chelsea South HHH - - C.  | 50394  | 14                                  | 11                                  | 5                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1   | -              |                                   |
| Chelsea North-west WHHHHH - C.  | 24295  | 16                                  | 12                                  | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -   | 7              |                                   |
| Chelsea North-east - - C.   | 32807  | 27                                  | 9                                   | 6                               | 1                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | 2          | -         | -   | -              |                                   |
| May Fair WW - - G.J.  | 30353  | 5                                   | 15                                  | 1                               | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 10             |                                   |
| Belgrave WHH - - C.   | 50220  | 20                                  | 23                                  | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | 2   | 12             |                                   |
| St. John Westminster HHH - C.   | 35496  | 19                                  | 10                                  | 5                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1   | 1              |                                   |
| St. Margaret Westminster H - C.   | 24679  | 6                                   | 3                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 2              |                                   |
| St. James Westminster WHH N.R. & G.J.                                       | 29941  | 11                                  | 2                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| St. Anne Soho HHHHHHH - N.R.  | 18668  | 10                                  | 6                                   | 3                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 1              |                                   |
| NORTH DISTRICTS.  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |
| All Souls Marylebone HHHH - W.M.  | 26759  | 15                                  | 9                                   | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   | 5              |                                   |
| Cavendish Square HHHH - W.M.  | 14891  | 2                                   | 3                                   | 4                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| Rectory Marylebone WH G.J. & W.M.   | 24809  | 15                                  | 8                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1   | -              |                                   |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118  | 24                                  | 10                                  | 6                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | -         | -   | 1              |                                   |
| Christchurch Marylebone H - W.M.  | 33700  | 12                                  | 11                                  | 6                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 1              |                                   |
| St. John Marylebone H - W.M.  | 33633  | 13                                  | 14                                  | 4                               | 3                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| Hampstead WwHHHH N.R. & W.M.  | 45452  | 80                                  | 14                                  | 4                               | 1                                   | -           | 2        | -              | -           | 2               | -       | -                              | -                            | 1          | 1         | 1   | -              |                                   |
| Regent's Park Pancras H - W.M.  | 39115  | 19                                  | 10                                  | 6                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1   | -              |                                   |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 6                                   | 9                                   | 4                               | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 3   | 3              |                                   |
| Gray's Inn Lane HHH - N.R.  | 30247  | 16                                  | 13                                  | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | -              |                                   |
| Somers Town H - - N.R.  | 34369  | 16                                  | 10                                  | 7                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | 1         | 2   | 9              |                                   |
| Camden Town WH - - N.R.   | 17311  | 9                                   | 15                                  | 6                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | 1         | 1   | 3              |                                   |
| Kentish Town W - - N.R.   | 87487  | 50                                  | 27                                  | 7                               | 7                                   | -           | 1        | 2              | -           | 2               | -       | 1                              | -                            | 1          | -         | 1   | 8              |                                   |
| Upper Holloway WwWH - N.R.  | 67946  | 43                                  | 32                                  | 10                              | 11                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | 1         | 1   | 15             |                                   |
| Islington South-west HH - N.R.  | 100976                                       | 54                                  | 31                                  | 15                              | 5                                   | -           | 2        | -              | 3           | 1               | -       | -                              | -                            | 6          | 1         | 1   | -              |                                   |
| Islington South-east - - N.R.   | 61835  | 27                                  | 13                                  | 5                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | 1   | -              |                                   |
| Highbury H - - N.R.   | 52048  | 28                                  | 12                                  | 7                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   | -              |                                   |
| Stoke Newington H - - N.R.  | 22781  | 23                                  | 7                                   | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -              |                                   |
| Stamford Hill - - E.L.  | 9277   | 8                                   | 4                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | 3   | -              |                                   |
| West Hackney H - - N.R.   | 37610  | 12                                  | 8                                   | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1              |                                   |
| Hackney WwWH - - E.L. & N.R.  | 76911  | 50                                  | 35                                  | 5                               | 9                                   | -           | 1        | 5              | 3           | 1               | -       | -                              | -                            | -          | -         | 1   | 13             |                                   |
| South Hackney - - E.L.  | 39383  | 22                                  | 12                                  | 6                               | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| CENTRAL DISTRICTS.  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |
| St. George Bloomsbury - - N.R.  | 16681  | 3                                   | 3                                   | 2                               | -                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| St. Giles South WH - - N.R.   | 14864  | 10                                  | 7                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3   | 4              |                                   |
| St. Giles North - - N.R.  | 18837  | 6                                   | 2                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508  | 6                                   | 6                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 6              |                                   |
| St. Mary-le-Strand H - - N.R.   | 7515   | 3                                   | 3                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2   | -              |                                   |
| St. Clement Danes H - - N.R.  | 8559   | -                                   | 4                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 3              |                                   |
| Strand Union Workhouse, Edmonton w.   | -  | -                                   | 1                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1              |                                   |
| St. Geo.-the-Martyr HHHHHHH N.R.  | 18671  | 9                                   | 9                                   | 1                               | 1                                   | -           | 1        | -              | 2           | -               | -       | -                              | -                            | 2          | -         | -   | 7              |                                   |
| St. Andrew Eastern W - - N.R.   | 10706  | 1                                   | 1                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| Saffron Hill H - - N.R.   | 6533   | 2                                   | 2                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| St. James Clerkenwell - - N.R.  | 17516  | 8                                   | 8                                   | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | 1         | 1   | -              |                                   |
| Amwell Clerkenwell - - N.R.   | 19281  | 6                                   | 7                                   | 5                               | -                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| Pentonville - - N.R.  | 14773  | 12                                  | 9                                   | 6                               | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | 1   | -              |                                   |
| Goosewell-street - - N.R.   | 17606  | 14                                  | 2                                   | 1                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| Old-street H - - N.R.   | 11541  | 7                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| City-road HHL - - N.R.  | 18628  | 19                                  | 7                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 2              |                                   |
| Whitecross-street - - N.R.  | 9217   | 3                                   | 5                                   | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| Finsbury - - N.R.   | 7463   | 3                                   | 3                                   | 1                               | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| Holborn Union Workhouse, Mitcham, w.  | -  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| St. Botolph H - - N.R. & E.L.   | 11174  | 3                                   | 4                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1   | -              |                                   |
| Cripplegate - - N.R.  | 7193   | 4                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| St. Sepulchre H - - N.R.  | 5568   | 2                                   | 20                                  | 1                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 5         | 5   | 17             |                                   |
| St. Bride W - - N.R.  | 8396   | 2                                   | 1                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| Albion Barking - - N.R.   | 13666  | 2                                   | 2                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |
| Broad Street H - - N.R.   | 5632   | 1                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts: G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

FEVER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the 11th August, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |               | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total Births during the<br>Week. | Total DEATHS during the<br>Week. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |
|--------------------------------|---------------|---|----------------------------------|----------------------------------|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|
|                                |               |   |                                  |                                  | Deaths of                                 |                                    | Deaths from |          |                |             |                 |         |                                   |                              |            |           |                |                                   |
|                                |               |   |                                  |                                  | Infants under<br>Year of Age.             | Persons aged 4<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| EAST DISTRICTS.                |               |   |                                  |                                  |   |                                    |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |
| lywell Shoreditch              | N.R. & E.L.   | 7376  | 3                                | 1                                | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| Leonard Shoreditch             | HL*           | 14567   | 10                               | 11                               | 4   | 2                                  | 1           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| ston New Town w                | - N.R.        | 29937   | 20                               | 14                               | 5   | 6                                  | 4           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| ston Old Town                  | - N.R.        | 28036   | 18                               | 10                               | 8   | 4                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| egerston WH                    | N.R. & E.L.   | 46276   | 48                               | 31                               | 7   | 10                                 | -           | 2        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| ekney-road H                   | - E.L.        | 29738   | 16                               | 11                               | 4   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| een, Bethnal Green             | WHL*          | 47932   | 17                               | 20                               | 8   | 7                                  | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| urch, Bethnal Green            | - E.L.        | 29981   | 21                               | 8                                | 5   | 1                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| wn, Bethnal Green              | - E.L.        | 19810   | 10                               | 5                                | -   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| alfields                       | - E.L. & N.R. | 22385   | 16                               | 12                               | 4   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| le End New Town W              | - E.L.        | 15473   | 16                               | 9                                | 4   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| nite-chapel Church H           | E.L. & N.R.   | 17490   | 9                                | 25                               | 6   | 4                                  | -           | 1        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| edman's Fields                 | - E.L.        | 9718  | 8                                | 4                                | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| igate                          | N.R. & E.L.   | 6102  | 4                                | 1                                | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| George's, North                | - E.L.        | 38747   | 26                               | 19                               | 7   | 1                                  | -           | 3        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| John, St. George East          | W             | 8410  | 5                                | 8                                | 2   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| adwell                         | HH            | 16895   | 8                                | 8                                | 5   | -                                  | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| ell                            | - E.L.        | 16107   | 6                                | 2                                | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| nehouse                        | - E.L.        | 32041   | 17                               | 18                               | 6   | 2                                  | -           | 2        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| le End Old Town West           | - E.L.        | 37960   | 19                               | 8                                | 3   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| le End Old Town East           | WwH           | 67683   | 44                               | 28                               | 9   | 7                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| W -                            | - E.L.        | 37074   | 17                               | 14                               | 2   | 2                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| omley WwH                      | - E.L.        | 64859   | 46                               | 37                               | 10  | 6                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| plar WHH                       | - E.L.        | 56077   | 84                               | 24                               | 10  | 6                                  | -           | -        | 2              | 1           | -               | 2       | -                                 | -                            | -          | -         | -              | -                                 |
| SOUTH DISTRICTS.               |               |   |                                  |                                  |   |                                    |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |
| ristchurch Southwark           | WH            | L. & S.   | 15663                            | 31                               | 6   | 5                                  | -           | -        | -              | -           | -               | 1       | -                                 | -                            | -          | -         | -              | -                                 |
| Saviour Southwark              | - S.          | 14989   | 4                                | 3                                | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| nt-road                        | - S. & L.     | 21381   | 9                                | 8                                | 4   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| rough-road WH                  | - S. & L.     | 16983   | 10                               | 10                               | 8   | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| ndon-road HL                   | - L. & S.     | 21316   | 12                               | 5                                | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| nity Newington                 | - S. & L.     | 26672   | 16                               | 6                                | 3   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| Peter Walworth W               | - S. & L.     | 59555   | 28                               | 21                               | 9   | 4                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| Mary Newington                 | - L. & S.     | 21623   | 17                               | 4                                | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| Olive WH                       | - S.          | 11966   | 4                                | 6                                | -   | -                                  | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| lcher Market                   | - S. & L.     | 17800   | 11                               | 7                                | 4   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| Mary Magdalen W                | - S.          | 12669   | 12                               | 9                                | 2   | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| James Bermondsey               | - S.          | 54683   | 30                               | 13                               | 6   | -                                  | -           | 1        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| herbith WH                     | - S. & K.     | 36024   | 24                               | 9                                | 4   | 1                                  | -           | 2        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| terloo-road 1st H              | - L. & S.     | 16195   | 9                                | 12                               | 5   | 2                                  | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| terloo-road 2nd H              | - L. & S.     | 16521   | 33                               | 8                                | 6   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| pheth Church 1st H             | - L. & S.     | 19876   | 5                                | 29                               | 10  | 3                                  | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| pheth Church 2nd WH            | - L. & S.     | 39849   | 26                               | 20                               | 7   | 4                                  | -           | -        | -              | 1           | 2               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| nniston 1st                    | - S. & L.     | 45232   | 28                               | 16                               | 5   | 3                                  | -           | -        | -              | 1           | -               | 1       | -                                 | -                            | -          | -         | -              | -                                 |
| nniston 2nd                    | - S. & L.     | 35882   | 18                               | 10                               | 2   | 4                                  | -           | -        | -              | 1           | 1               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| xton w                         | - L. & S.     | 62837   | 37                               | 18                               | 4   | 6                                  | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| wood W                         | - L.          | 19017   | 11                               | 3                                | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| t Battersea                    | - S.          | 54675   | 47                               | 21                               | 9   | -                                  | -           | -        | -              | 1           | 1               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| st Battersea WH                | - S.          | 53587   | 37                               | 27                               | 12  | 4                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| pham H                         | - S.          | 36340   | 16                               | 7                                | 4   | 1                                  | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| ndsworth WHL                   | - S.          | 28004   | 30                               | 15                               | 5   | 2                                  | -           | -        | 3              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| ney                            | - S.          | 13235   | 7                                | 6                                | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| satham                         | - L.          | 25553   | 26                               | 8                                | 3   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| wich                           | - L. & S.     | 5590  | 1                                | 2                                | 1   | -                                  | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| oberwell WwL*                  | - S. & L.     | 59104   | 42                               | 39                               | 7   | 11                                 | -           | -        | 1              | -           | -               | -       | 1                                 | -                            | -          | -         | -              | -                                 |
| kham W                         | - S. L. & K.  | 71089   | 34                               | 17                               | 5   | 2                                  | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| George Camberwell              | - L. & S.     | 60810   | 83                               | 21                               | 9   | 1                                  | -           | 3        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| Paul Deptford w                | - K.          | 76752   | 64                               | 32                               | 15  | 4                                  | -           | -        | -              | 1           | 1               | -       | 1                                 | -                            | -          | -         | -              | -                                 |
| Nicholas Deptford              | - K.          | 7901  | 9                                | 2                                | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| enwich West H                  | - K.          | 21972   | 12                               | 14                               | 6   | 1                                  | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| enwich East WHH                | - K.          | 24608   | 21                               | 15                               | 3   | 3                                  | -           | -        | 1              | -           | 1               | -       | 1                                 | -                            | -          | -         | -              | -                                 |
| am H                           | - K.          | 2648  | -                                | 2                                | -   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| H                              | - K.          | 21559   | 5                                | 3                                | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| usnam WH                       | - K.          | 19865   | 15                               | 9                                | 2   | 3                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| enham H                        | - L.          | 26076   | 9                                | 4                                | 1   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| rlion H                        | - K.          | 10980   | 7                                | 4                                | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| lwich Dockyard                 | - K.          | 17617   | 12                               | 6                                | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| lwich Arsenal HH               | - K.          | 19446   | 13                               | 8                                | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| etford, West H                 | - K.          | 14009   | 19                               | 7                                | 3   | -                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| etford, East W                 | - K.          | 12241   | 31                               | 10                               | 4   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| ropolitan Asylum Hospitals:    |               |   |                                  |                                  |   |                                    |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |
| lartford w                     | -             | -   | -                                | -                                | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| Winchmore Hill w               | -             | -   | -                                | 1                                | -   | -                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |
| Platow w                       | -             | -   | -                                | -                                | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-  
Marylebone Infirmary in Kensington Town sub-district.  
Central London Sick Asylum, in Tottenham Court-road sub-district.  
Holborn Infirmary in Upper Holloway sub-district.  
London City Workhouse in Baccaney sub-district.  
Holborn " in Boxton New Town sub-district.  
Whitechapel " in Mile End Old Town Eastern sub-dist.  
London City " in Mile End Old Town Eastern sub-dist.  
and Bromley sub-district.  
Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum " "  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 11th August, 1888.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS.      | Area in Acres, including Tidal Water and Fore-shore. | Enu-merated Popu-lation, 1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                  |             |          |                |             |                 |        |            |           |                |                                |  |
|---|----------------------------------|--|--------------------------------|---------|---------|---|----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|--------------------------------|--|
|   |                                  |  |                                |         |         | Deaths of                                 |                                  | Deaths from |          |                |             |                 |        |            |           |                |                                |  |
|   |                                  |  |                                |         |         | Infants under 1 Year of Age.              | Persons aged 60 Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public Institutions. |  |
| LONDON—OUTER RING                               |                                  | 370,924  | 950,057                        | 701     | 315     | 81  | 71                               | -           | 4        | 2              | 4           | 2               | 2      | 21         | 14        | 24             | 31                             |  |
| 30: 1   | Carshalton <i>wL</i> -           | 12228  | 21118                          | 7       | 3       | -   | 2                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                              |  |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710                          | 8       | 2       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 37: 1   | Godstone (part of)* -            | 2754   | 1235                           | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 38: 1   | Croydon <i>WwHHL</i> -           | 20851  | 101241                         | 61      | 30      | 5   | 12                               | -           | 2        | -              | 1           | -               | -      | -          | 1         | 2              | 8                              |  |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17932                          | 9       | 4       | 1   | 1                                | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                              |  |
| 39: 1   | Wimbledon <i>HHH</i> -           | 3220   | 15950                          | 9       | 3       | -   | 1                                | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354                          | 31      | 9       | -   | 5                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                              |  |
| 3   | Esher (part of)* -               | 6601   | 9221                           | 2       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 4   | Hampton <i>H</i> -               | 4573   | 13539                          | 8       | 3       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | 2         | 2              | -                              |  |
| 40: 1   | Richmond <i>WH</i> -             | 2272   | 21302                          | 8       | 6       | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |  |
| 2   | Mortlake -                       | 2941   | 12331                          | 8       | 6       | 4   | 1                                | -           | -        | -              | -           | -               | -      | 4          | -         | -              | -                              |  |
| 41: 1   | Bromley (pt. of)* <i>HH</i>      | 15669  | 31142                          | 21      | 4       | 1   | 2                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                              |  |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844                          | 19      | 3       | 1   | -                                | -           | -        | -              | -           | -               | -      | 2          | -         | -              | -                              |  |
| 42: 1   | Bexley <i>H</i> -                | 13437  | 24134                          | 18      | 3       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Dartford ( <i>Ww</i> , pts. of)* | -  | -                              | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 124: 1  | Sunbury <i>w</i> -               | 11055  | 11685                          | 12      | 2       | 1   | -                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 1                              |  |
| 2   | Staines <i>W</i> -               | 13277  | 12089                          | 11      | 4       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 125: 1  | Hillingdon <i>WHH</i> -          | 6029   | 10802                          | 10      | 2       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Uxbridge -                       | 6178   | 3225                           | 3       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 3   | Hayes <i>wHL</i> -               | 14687  | 11523                          | 4       | 4       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                              |  |
| 126: 1  | Isleworth <i>WHH</i> -           | 7008   | 22727                          | 18      | 11      | 3   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |  |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479                          | 10      | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649                          | 13      | 6       | 2   | 1                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                              |  |
| 4   | Chiswick -                       | 1340   | 15775                          | 9       | 8       | 4   | -                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                              |  |
| 5   | Acton <i>wH</i> -                | 6088   | 22576                          | 14      | 5       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | 2              | -                              |  |
| 127: 1  | Harrow <i>H</i> -                | 13809  | 12766                          | 3       | 4       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Edgware <i>H</i> -               | 6994   | 3749                           | -       | 1       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 3   | Willesden -                      | 4383   | 27453                          | 27      | 11      | 3   | 2                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                              |  |
| 4   | Hendon <i>W</i> -                | 8382   | 10484                          | 10      | 6       | 2   | 1                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 3                              |  |
| 128: 1  | South Mimms -                    | 15599  | 6391                           | 2       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Barnet -                         | 5433   | 10092                          | 4       | 5       | -   | 4                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                              |  |
| 3   | Finchley <i>HL</i> -             | 4688   | 17615                          | 17      | 4       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 129: 1  | Hornsey <i>H</i> -               | 3039   | 37078                          | 30      | 12      | 1   | 5                                | -           | -        | -              | -           | 1               | -      | 1          | 1         | 1              | -                              |  |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456                          | 62      | 28      | 7   | 4                                | -           | -        | -              | -           | -               | 1      | -          | 2         | 3              | 3                              |  |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23463                          | 15      | 6       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 1                              |  |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104                          | 9       | 8       | 1   | 1                                | -           | -        | -              | -           | -               | 1      | -          | -         | -              | -                              |  |
| 5   | Waltham Abbey -                  | 11017  | 8338                           | 2       | 3       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 6   | Cheshunt -                       | 8480   | 7735                           | 8       | 2       | 1   | -                                | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                              |  |
| 135: 1  | Hatfield (part of)* -            | 3306   | 583                            | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 137: 1  | Bushey -                         | 9331   | 6621                           | 3       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 2   | Watford ( <i>W</i> , pt. of)* -  | -  | -                              | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 186: 1  | Stratford -                      | 392  | 38606                          | 20      | 14      | 6   | 3                                | -           | -        | -              | -           | -               | -      | 1          | -         | 1              | -                              |  |
| 2   | West Ham <i>wowwH‡</i> -         | 7351   | 101053                         | 70      | 34      | 7   | 7                                | -           | -        | -              | 1           | -               | -      | -          | 5         | 7              | 1                              |  |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430                          | 34      | 17      | 5   | 3                                | -           | 1        | -              | -           | -               | -      | 2          | -         | 1              | 3                              |  |
| 4   | Walthamstow <i>H</i> -           | 6520   | 28869                          | 39      | 17      | 5   | 2                                | -           | -        | -              | 1           | -               | -      | 5          | 1         | 1              | -                              |  |
| 187: 1  | Chigwell (part of)* <i>H</i>     | 11761  | 9639                           | 3       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                              |  |
| 2   | Epping ( <i>W</i> , pt. of)* -   | -  | -                              | 7       | 3       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |  |
| 189: 1  | Romford (part of)* <i>W</i>      | 6730   | 3411                           | 7       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |  |
| 2   | Ilford -                         | 8493   | 7645                           | 3       | 8       | 3   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |
| 3   | Barking Town -                   | 4127   | 9203                           | 12      | 6       | 5   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district: 187: 1, Chislewell sub-district, except the parish of Theydon Bois (pop. 875): 189: 1, the parish of Dagenham in Romford sub-district: 42: 2, Dartford, 137: 2, Watford, and 187: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 11th August, 1888.**

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |                                   |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----------------------------------|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           | Deaths in Public<br>Institutions. |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |                                   |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16.                               |  |
| ATER LONDON               | 448,334  | 5,527,886                                      | 16.9  | 2.8                                   | 1791                             | 574                                       | 329  | -           | 55       | 19                | 29          | 29                  | 9      | 159       | 70        | 372                               |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 18.0  | 3.2                                   | 1476                             | 493                                       | 258  | -           | 51       | 17                | 25          | 27                  | 7      | 138       | 56        | 341                               |  |
| UTER RING -               | 370,924  | 1,244,965                                      | 13.2  | 1.5                                   | 315                              | 81  | 71   | -           | 4        | 2                 | 4           | 2                   | 2      | 21        | 14        | 31                                |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 0.622 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

**TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,334,706 Persons.**

| CITIES.         | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES                       |
|-----------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA -      | 433,219                               | June 30                     | -                               | 154     | 18.5                               | Cholera 7; fevers 45.                               |
| BOMBAY -        | 773,196                               | July 17                     | 308                             | 461     | 26.6                               | Cholera 11; fevers 135.                             |
| MADRAS -        | 398,777                               | June 29                     | 273                             | 251     | 32.8                               | Small-pox 1; cholera 2; fevers 70.                  |
| PARIS -         | 2,260,945                             | August 4                    | 1115                            | 781     | 18.0                               | Measles 20; diph. and croup 27; typh. fev. 7.       |
| BRUSSELS -      | 462,069                               | " 4                         | 222                             | 163     | 18.3                               | Typhus and typh. fev. 4; diarrhoeal diseases 33.    |
| AMSTERDAM -     | 390,016                               | July 23                     | 283                             | 142     | 18.0                               | Diph. 2; wh.-cough 2.                               |
| ROTTERDAM -     | 193,658                               | August 4                    | 153                             | 64      | 17.1                               | Whooping-cough 2.                                   |
| THE HAGUE -     | 149,477                               | July 28                     | 129                             | 58      | 15.6                               | Mens. 1; wh.-cough 1.                               |
|                 |                                       | August 4                    | 86                              | 53      | 20.1                               | Whooping-cough 2.                                   |
|                 |                                       | August 4                    | 86                              | 68      | 23.5                               | Measles 5.  |
| COPENHAGEN      | 300,000                               | July 31                     | 196                             | 113     | 20.5                               | Measles 2.  |
| STOCKHOLM -     | 221,540                               | " 28                        | 135                             | 79      | 18.5                               | Scar. fev. 3; diph. 3.                              |
| CHRISTIANIA -   | 135,630                               | August 4                    | 60                              | 53      | 20.3                               | Scar. fever 4; whooping-cough 4.                    |
| ST. PETERSBURG  | 928,016                               | July 28                     | -                               | 540     | 30.4                               | Diphtheria and croup 8.                             |
| BERLIN -        | 1,438,006                             | " 21                        | 940                             | 584     | 21.2                               | Typd. fev. 13; measles 29; diarrhoeal diseases 126. |
| HAMBURG(State)  | 550,694                               | " 28                        | 323                             | 263     | 24.9                               | Diph. 13; scar. fever 9; diarrhoeal diseases 152.   |
| DRESDEN -       | 259,142                               | " 28                        | 145                             | 91      | 18.3                               | Diarr. dis. 39; meas. 13; diph. and croup 6.        |
| BRESLAU -       | 313,451                               | August 4                    | 209                             | 174     | 20.6                               | Measles 2.  |
| MUNICH -        | 275,000                               | July 28                     | 196                             | 172     | 32.5                               | Diph. 5; diarr. dis. 38.                            |
| VIENNA -        | 800,836                               | " 28                        | 495                             | 330     | 21.4                               | Scarlet fever 6; diph. and croup 5.                 |
| PRAGUE -        | 295,857                               | " 28                        | -                               | 169     | 20.8                               | Measles 5; diarrhoeal diseases 50.                  |
| BUDA-PESTH -    | 442,787                               | " 28                        | 334                             | 285     | 33.5                               | Small-pox 12; measles 5.                            |
| TRIESTE -       | 150,042                               | " 28                        | -                               | 83      | 20.3                               | Scarlet fev. 3; diph. 3; diarrhoeal diseases 69.    |
| ROME -          | 388,300                               | June 23                     | 222                             | 204     | 27.4                               | Small-pox 6.  |
| TURIN (10 days) | 294,826                               | July 10                     | 248                             | 187     | 23.2                               | Typhd. fev. 6; measles 7.                           |
| VENICE -        | 150,502                               | " 28                        | 84                              | 93      | 32.2                               | Measles 3; diph. 6.                                 |
| CAIRO -         | 374,838                               | " 19                        | 268                             | 630     | 94.7                               | Diarrhoeal diseases 22.                             |
| ALEXANDRIA -    | 231,396                               | " 19                        | 157                             | 225     | 50.7                               | Meas. 32; typh. fev. 21; diarrhoeal diseases 310.   |
| NEW YORK -      | 1,493,000                             | " 21                        | -                               | 963     | 33.7                               | Typd. fev. 3; diarr. dis. 78.                       |
| BROOKLYN -      | 774,870                               | " 21                        | -                               | 512     | 33.7                               | Scar. fev. 21; diph. 36; diarrhoeal diseases 296.   |
| PHILADELPHIA -  | 1,016,758                             | " 21                        | -                               | 456     | 23.1                               | Diph. 19; scar. fev. 8; diarrhoeal dis. 170.        |
| BALTIMORE -     | 431,379                               | " 21                        | -                               | 261     | 31.5                               | Typd. fev. 17; sm.-pox 3.                           |
|                 |                                       |                             |                                 |         |                                    | Diarrhoeal diseases 81; whooping-cough 3.           |





# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 33. 1888. Vol. XLIX.] WEEK ENDING SATURDAY, AUGUST 18. [Price 1½d.

General Register Office, Somerset House,  
20th August, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 16·4 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |         |          |          | TOWNS.             | Weeks ending |         |          |          |
|--------------|--------------|---------|----------|----------|--------------------|--------------|---------|----------|----------|
|              | July 28.     | Aug. 4. | Aug. 11. | Aug. 18. |                    | July 28.     | Aug. 4. | Aug. 11. | Aug. 18. |
| Birkenhead   | 13·6         | 17·2    | 19·3     | 13·0     | Liverpool -        | 17·1         | 18·6    | 19·0     | 18·1     |
| Birmingham   | 13·2         | 15·8    | 16·4     | 13·0     | London -           | 15·9         | 15·9    | 18·0     | 16·2     |
| Blackburn -  | 16·7         | 13·2    | 15·8     | 14·9     | Manchester -       | 20·3         | 21·9    | 23·0     | 22·8     |
| Bolton -     | 22·1         | 13·3    | 14·3     | 12·9     | Newcastle-on-Tyne* | 18·4         | 13·8    | 19·4     | 17·1     |
| Bradford*    | 12·7         | 13·6    | 17·7     | 14·5     | Norwich -          | 12·8         | 13·4    | 13·9     | 17·3     |
| Brighton -   | 8·3          | 10·0    | 14·3     | 16·1     | Nottingham*        | 12·0         | 12·7    | 16·3     | 12·9     |
| Bristol -    | 13·6         | 9·0     | 13·4     | 13·4     | Oldham -           | 16·2         | 15·9    | 14·7     | 14·7     |
| Cardiff*     | 16·3         | 12·0    | 18·7     | 19·7     | Plymouth -         | 14·8         | 16·8    | 23·5     | 20·1     |
| Derby -      | 8·1          | 13·0    | 9·2      | 20·6     | Portsmouth -       | 16·4         | 14·6    | 12·0     | 13·5     |
| Halifax -    | 25·4         | 18·2    | 18·2     | 15·0     | Preston -          | 14·1         | 19·7    | 18·7     | 14·7     |
| Huddersfield | 22·3         | 21·1    | 11·4     | 13·7     | Salford*           | 16·4         | 18·0    | 18·9     | 18·0     |
| Hull -       | 14·4         | 12·4    | 12·6     | 14·2     | Sheffield -        | 15·9         | 18·8    | 20·9     | 20·6     |
| Leeds -      | 16·6         | 16·5    | 19·9     | 19·0     | Sunderland -       | 15·8         | 13·4    | 13·1     | 13·4     |
| Leicester*   | 12·4         | 18·1    | 16·0     | 16·0     | Wolverhampton -    | 16·0         | 19·2    | 15·3     | 16·6     |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·4 in Bradford; from *scarlet fever*, 0·9 in Blackburn; from *whooping-cough*, 1·1 in Huddersfield and 1·3 in Wolverhampton; from "*fever*," 0·7 in Nottingham; and from *diarrhœa*, 2·0 in London, 2·3 in Preston, 2·3 in Salford, 2·5 in Leeds, 2·7 in Plymouth, 3·6 in Leicester, and 4·1 in Sheffield. The 23 deaths from *diphtheria* in these towns included 13 in London, 3 in Manchester, and 2 in Salford. *Small-pox* caused one death in Oldham, but not one in London or in any of the twenty-six other great towns.

## LONDON.

In LONDON† 2604 BIRTHS and 1330 DEATHS were registered. Allowing for increase of population, the births were 187, and the deaths 310, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·9, 15·9, and 18·0 in the three preceding weeks, declined again last week to 16·2. During the first seven weeks of the current quarter the death-rate averaged 16·0 per 1000, and was 5·2 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1330 deaths included 33 from *measles*, 17 from *scarlet fever*, 13 from *diphtheria*, 20 from *whooping-cough*, 2 from *typhus*, 2 from *enteric fever*, 1 from an ill-defined form of *continued fever*, 162 from *diarrhœa* and *dysentery*, 4 from

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



cholera and choleraic diarrhœa, and not one from small-pox; thus, 254 deaths were referred to these diseases, being 138 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 8; only 3 small-pox patients were under treatment in the Metropolitan Asylum Hospitals on Saturday last, and the Highgate Small-pox Hospital is empty. The death of an infant aged 20 months was attributed to chicken-pox. The fatal cases of *measles*, which had been 29 and 51 in the two preceding weeks, declined again last week to 33, and were 10 below the corrected average; 3 belonged to Marylebone, 3 to Hampstead, 3 to Pancras, 3 to Stepney, and 7 to Poplar, sanitary areas. The 17 deaths from *scarlet fever* corresponded with the number in the previous week, and were 17 below the corrected average; 2 belonged to Marylebone, 2 to Islington, 2 to Bethnal Green, and 4 to Mile End Old Town sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 774 scarlet fever patients, against numbers declining in the six preceding weeks from 924 to 821; 66 cases were admitted during the week, against numbers declining from 105 to 67 in the four previous weeks. The fatal cases of *diphtheria*, which had been 19 and 25 in the two previous weeks, declined last week to 13, and were one below the corrected average; 2 belonged to Kensington, and 2 to St. George Southwark sanitary areas. The 20 deaths from *whooping-cough* showed a decline of 7 from the number in the previous week, and were 20 below the corrected average; 3 belonged to Pancras, 3 to Poplar, and 4 to Wandsworth sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had increased in the four preceding weeks from 62 to 138, further rose last week to 162, but were 63 below the corrected average; 152 were of children under five years of age, including 128 of infants under one year of age. The deaths of 3 infants were referred to *cholera infantum* or *choleraic diarrhœa*, and that of a male, aged 55 years, in Pancras, to *choleraic diarrhœa*.

The deaths referred to *enteric fever*, which had been 15, 9, and 6 in the three preceding weeks, further declined last week to 2, and were 15 below the corrected average; one belonged to Rotherhithe sanitary area, and the other was of a patient admitted to the Children's Hospital from Wimbledon. The 2 deaths referred to *typhus* were of an adult male, aged 62 years, in Suffolk Street, St. Martin in the Fields; and of a child, aged 7 years, in King Street, Rotherhithe. The Metropolitan Asylum Hospitals contained 78 cases of enteric fever, but not one of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week, against 5 and 8 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 160, 167, and 183 in the three preceding weeks, declined again last week to 167, and were 19 below the corrected average.

Different forms of violence caused 47 deaths; 37 were the result of negligence or accident, among which were 19 from fractures and contusions, 10 from drowning, 1 from poison, and 5 of infants under one year of age from suffocation. The 19 deaths from fractures and contusions were thus caused:—5 by accidents from vehicles in streets; 3 by accidents on railway; 3 by fall from window; 1 by fall from scaffold; 1 by fall from loft; 1 by fall into dry dock; 1 by fall down stairs; 1 by fall, the nature of which was not stated; 1 by injury from lift; 1 by injury from falling wood; and 1 by fracture, the nature of which was not stated. An inquest was held in each of these 19 cases except of the last. Nine cases of suicide were registered, corresponding with the corrected average.

#### GREATER LONDON.

In Greater London 3372 births and 1649 deaths were registered, corresponding to annual rates of 31·8 and 15·6 per 1000 of the population. In the Outer Ring 31 deaths from diarrhœa, 8 from whooping-cough, 7 from measles, and 5 from diphtheria were registered. The fatal cases of diarrhœa included 9 in West Ham district and 9 in Tottenham sub-district; 4 deaths from measles occurred in Tottenham, and 2 of diphtheria in Croydon sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·92 ins.; the lowest reading was 29·67 ins. on Monday morning, and the highest was 30·10 ins. at the end of the week. The mean temperature of the *air* was 56°·4, and 5°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed a slight excess on Sunday, but was below the average on each of the other days of the week, the coldest days being Thursday and Friday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 12·4 miles per hour, which was 2·4 miles above the average in the corresponding weeks of 16 years. No rain fell during the week. The duration of registered bright sunshine in the week was 27·8 hours, against 36·4 hours at Glynde Place, Lewes.





TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-THIRD Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87. | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|---|------|
| <b>TOTAL Births</b> | 2421 | 2702 | 2512 | 2532 | 2670 | 2652 | 2579 | 2535 | 2528 | 2465 | 2791.1  | 2601 |
| Males . .           | 1255 | 1359 | 1275 | 1244 | 1388 | 1398 | 1335 | 1285 | 1272 | 1268 | 1426.2  | 1334 |
| Females . .         | 1166 | 1343 | 1237 | 1288 | 1282 | 1254 | 1244 | 1250 | 1256 | 1197 | 1364.9  | 1271 |
| <b>TOTAL Deaths</b> | 1517 | 1349 | 1492 | 1471 | 1523 | 1437 | 1634 | 1473 | 1420 | 1713 | 1639.7  | 1330 |
| Males . .           | 793  | 723  | 759  | 765  | 796  | 756  | 810  | 725  | 712  | 920  | 846.1   | 721  |
| Females . .         | 724  | 626  | 733  | 709  | 727  | 681  | 824  | 748  | 708  | 793  | 793.6   | 609  |

\*The numbers in this column are the average weekly numbers in the thirty-third weeks of the ten years 1878-87 raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | May<br>26 | June<br>2. | June<br>9. | June<br>16. | June<br>23. | June<br>30. | July<br>7. | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. |
|--|-----------|------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|
| <b>TOTAL Births</b>                      | 2278      | 2491       | 2430       | 2399        | 2534        | 2299        | 2348       | 2520        | 2385        | 2353        | 2530       | 2228        | 2604        |
| <b>TOTAL Deaths</b>                      | 1361      | 1323       | 1219       | 1167        | 1190        | 1238        | 1211       | 1288        | 1297        | 1308        | 1309       | 1476        | 1330        |
| 0-20                                     | 608       | 581        | 527        | 503         | 536         | 562         | 576        | 628         | 636         | 670         | 726        | 816         | 719         |
| 20-40                                    | 180       | 178        | 156        | 176         | 149         | 171         | 172        | 160         | 168         | 155         | 131        | 174         | 173         |
| 40-60                                    | 256       | 266        | 248        | 208         | 226         | 213         | 208        | 229         | 242         | 206         | 205        | 228         | 177         |
| 60-80                                    | 268       | 255        | 245        | 234         | 242         | 241         | 205        | 230         | 202         | 217         | 195        | 217         | 217         |
| at 80 years & upwards.                   | 49        | 43         | 43         | 46          | 37          | 51          | 50         | 41          | 49          | 60          | 52         | 41          | 50          |
| Deaths of children { Under 1 year        | 322       | 288        | 264        | 251         | 281         | 297         | 302        | 350         | 384         | 385         | 449        | 493         | 444         |
| 1-5                                      | 204       | 184        | 176        | 163         | 155         | 178         | 203        | 182         | 177         | 186         | 200        | 233         | 187         |
| 5-20                                     | 82        | 109        | 87         | 89          | 100         | 87          | 71         | 87          | 75          | 93          | 77         | 90          | 82          |
| Deaths from Small-pox                    | -         | -          | -          | -           | -           | -           | -          | 1           | 1           | -           | -          | -           | -           |
| " " Measles                              | 23        | 24         | 25         | 21          | 18          | 20          | 23         | 26          | 25          | 40          | 29         | 51          | 33          |
| " " Scarlet fever                        | 17        | 19         | 23         | 19          | 10          | 19          | 10         | 18          | 14          | 23          | 18         | 17          | 17          |
| " " Diphtheria                           | 19        | 26         | 22         | 18          | 15          | 28          | 29         | 24          | 15          | 21          | 19         | 25          | 13          |
| " " Whooping-cough                       | 64        | 37         | 33         | 34          | 33          | 27          | 31         | 32          | 33          | 20          | 25         | 27          | 20          |
| " " Typhus                               | -         | -          | -          | -           | -           | -           | -          | -           | -           | -           | -          | -           | 2           |
| " " Enteric fever                        | 10        | 9          | 8          | 8           | 15          | 10          | 7          | 12          | 8           | 15          | 9          | 6           | 2           |
| " " Simple Cont'd fever                  | 3         | -          | 1          | 1           | -           | -           | 2          | 1           | -           | 1           | -          | 1           | 1           |
| " " Diarrhoea and Dysentery              | 9         | 19         | 18         | 16          | 18          | 36          | 51         | 72          | 62          | 89          | 121        | 131         | 162         |
| " " Cholera                              | 2         | 1          | -          | -           | -           | 2           | 3          | 3           | 2           | 4           | 4          | 5           | 4           |
| Deaths from the above-mentioned Diseases | 147       | 135        | 130        | 117         | 109         | 142         | 156        | 189         | 160         | 223         | 225        | 270         | 254         |
| " " Dis. of Respiratory System           | 228       | 237        | 185        | 213         | 134         | 156         | 176        | 164         | 166         | 160         | 167        | 183         | 167         |
| " " Phthisis                             | 151       | 157        | 185        | 119         | 133         | 117         | 114        | 114         | 141         | 117         | 123        | 131         | 134         |
| " " Dis. of Circulatory System           | 119       | 109        | 101        | 89          | 95          | 101         | 96         | 110         | 118         | 92          | 93         | 123         | 85          |
| Violent Deaths                           | 65        | 73         | 51         | 71          | 63          | 64          | 65         | 56          | 54          | 63          | 49         | 56          | 47          |
| Inquest Cases                            | 108       | 111        | 90         | 103         | 105         | 111         | 107        | 125         | 104         | 89          | 97         | 100         | 91          |
| Deaths in Public Institutions            | 345       | 326        | 275        | 312         | 280         | 302         | 285        | 300         | 314         | 305         | 260        | 341         | 296         |
| TEMPERATURE OF THE AIR                   |           |            |            |             |             |             |            |             |             |             |            |             |             |
| Mean                                     | 54.0      | 55.8       | 58.9       | 57.1        | 54.2        | 61.9        | 56.4       | 55.8        | 59.4        | 60.3        | 56.9       | 63.9        | 56.4        |
| Mean of Highest readings                 | 66.0      | 69.1       | 71.0       | 69.5        | 61.8        | 72.3        | 65.3       | 64.7        | 68.6        | 69.9        | 67.5       | 75.2        | 67.1        |
| Mean of Lowest readings                  | 43.2      | 44.3       | 49.8       | 47.8        | 48.1        | 54.3        | 50.8       | 48.2        | 52.8        | 53.8        | 50.4       | 54.3        | 48.6        |
| Humidity of the Air                      | 68        | 69         | 77         | 72          | 86          | 83          | 87         | 77          | 83          | 81          | 87         | 75          | 77          |
| Rain-fall in inches                      | 0.00      | 0.16       | 0.17       | 0.54        | 0.27        | 2.37        | 0.90       | 0.44        | 1.61        | 1.11        | 4.29       | 0.11        | 0.00        |
| Registered Sunshine (in hours)           | 62.3      | 43.8       | 21.2       | 51.7        | 17.7        | 29.9        | 13.5       | 23.2        | 11.8        | 34.3        | 22.0       | 47.5        | 27.8        |

\*The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glisher, Esq., F.R.S.; P. E. Sawyer, Esq., F.S.A., F.R.Met.Soc.; Brighton; John Merrifield, Esq., F.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melanctonborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-THIRD Week of the Year 1888.

| USES OF DEATH. | Corrected Averages for the 33rd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 18th August 1888. |      |       |           |      |       |                  |                  |                  |   | CAUSES OF DEATH. | Corrected Averages for the 33rd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 18th August 1888. |      |       |           |   |   |                  |                  |                  |                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   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|----------------|---|--|------|-------|-----------|------|-------|------------------|------------------|------------------|---|------------------|---|--|------|-------|-----------|---|---|------------------|------------------|------------------|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                |   | Deaths of Persons of the Ages                  |      |       |           |      |       |                  |                  |                  |   |                  |   | Deaths of Persons of the Ages                  |      |       |           |   |   |                  |                  |                  |                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                |   | ALL AGES.                                      |      |       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards.                   |                  |   | ALL AGES.                                      |      |       | Under 20. |   |   | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                |   | 0-1.   | 1-5. | 5-20. | 0-1.      | 1-5. | 5-20. |                  |                  |                  |   |                  |   | 0-1.   | 1-5. | 5-20. |           |   |   |                  |                  |                  |                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| L CAUSES -     | 1639-7  | 1330   | 444  | 187   | 82        | 173  | 177   | 217              | 50               |                  | Diseases of Organs of Special Sense † - | 1-2              | 6   | 1  | 1    | 2     | 1         | 1 | - | -                | -                | -                | -                     | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).  
 The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9-046 per cent. for increase of population.  
 As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.  
 Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When medical attendance does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical attendant, the case is returned under the heading "no statement."  
 The evidence at inquest is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, and from other Zymotic Diseases, during the Week ended

| The DEATHS registered in the Week include                                   |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                      |
|---|--|-------------------------------------|-------------------------------------|---------------------------------|---------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----|--------------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1891. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                       | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |     | Deaths in<br>Public<br>Institutions. |
|   |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |     |                                      |
| LONDON . . . . .  | 3,815,704                                    | 2604                                | 1830                                | 444                             | 267                                   | -           | 33       | 17             | 13          | 20              | 2       | 2                              | 1                            | 162        | 47        | 91             | 296 |                                      |
| WEST DISTRICTS . . . . .  | 669,638                                      | 412                                 | 232                                 | 74                              | 60                                    | -           | 5        | 2              | 5           | 2               | -       | -                              | -                            | 25         | 8         | 14             | 54  |                                      |
| NORTH DISTRICTS . . . . .   | 905,947                                      | 561                                 | 264                                 | 66                              | 53                                    | -           | 12       | 8              | 2           | 6               | -       | -                              | -                            | 25         | 5         | 16             | 53  |                                      |
| CENTRAL DISTRICTS . . . . .   | 282,238                                      | 162                                 | 118                                 | 46                              | 18                                    | -           | 2        | -              | 2           | 1               | 1       | 1                              | 1                            | 14         | 4         | 8              | 31  |                                      |
| EAST DISTRICTS . . . . .  | 692,733                                      | 500                                 | 260                                 | 103                             | 43                                    | -           | 12       | 5              | 2           | 5               | -       | -                              | -                            | 45         | 10        | 21             | 72  |                                      |
| SOUTH DISTRICTS . . . . .   | 1,365,148                                    | 969                                 | 426                                 | 152                             | 88                                    | -           | 2        | 2              | 2           | 6               | 1       | 1                              | -                            | 53         | 23        | 29             | 81  |                                      |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -  | -                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| WEST DISTRICTS.   |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                      |
| St. Mary Paddington WHH G.J. & W.M.   | 09888  | 46                                  | 31                                  | 12                              | 8                                     | -           | 3        | -              | -           | -               | -       | -                              | -                            | 3          | -         | 1              | 7   |                                      |
| St. John Paddington H - - G.J.  | 37330  | 8                                   | 7                                   | -                               | 3                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 2   |                                      |
| Kensington Town Ww - - W.M.   | 120141                                       | 74                                  | 45                                  | 10                              | 20                                    | -           | -        | -              | -           | 2               | 1       | -                              | -                            | 2          | 1         | 1              | 13  |                                      |
| Brompton HH - - W.M. & C.   | 48010  | 7                                   | 11                                  | -                               | 6                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 3   |                                      |
| St. Peter Hammersmith - - W.M.  | 7299   | 4                                   | 3                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | -   |                                      |
| St. Paul Hammersmith H W.M. & G.J.  | 64340  | 65                                  | 24                                  | 10                              | 6                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | 2         | 2              | 1   |                                      |
| Fulham Ww - - W.M. & C.   | 42900  | 65                                  | 28                                  | 16                              | 4                                     | -           | 1        | 1              | -           | -               | -       | -                              | -                            | 7          | 1         | 1              | 1   |                                      |
| Chelsea South HHH - - C.  | 80396  | 17                                  | 6                                   | 2                               | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 1   |                                      |
| Chelsea North-west WHHHHH - C.  | 24925  | 11                                  | 8                                   | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | 7   |                                      |
| Chelsea North-east - - C.   | 32807  | 26                                  | 10                                  | 3                               | -                                     | -           | 1        | 1              | -           | -               | -       | -                              | -                            | 1          | 2         | -              | -   |                                      |
| May Fair WW - - G.J.  | 30353  | 10                                  | 8                                   | 2                               | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3   |                                      |
| Belgrave WHH - - C.   | 59220  | 23                                  | 20                                  | 3                               | 4                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | 2          | 3         | 4              | 11  |                                      |
| St. John Westminster HHH - C.   | 35496  | 25                                  | 10                                  | 4                               | -                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -              | -   |                                      |
| St. Margaret Westminster H - C.   | 24679  | 13                                  | 8                                   | 3                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | 3   |                                      |
| St. James Westminster WHH N.R. & G.J.                                       | 29941  | 13                                  | 10                                  | 4                               | 2                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | 2          | -         | -              | -   |                                      |
| St. Anne Soho HHHHHHH - N.R.  | 18668  | 7                                   | 3                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| NORTH DISTRICTS.  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                      |
| All Souls Marylebone HHHH - W.M.  | 26759  | 18                                  | 9                                   | -                               | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 8   |                                      |
| Canvish Square HHHH - - W.M.  | 14361  | 7                                   | 3                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| Rectory Marylebone WH G.J. & W.M.   | 24899  | 12                                  | 3                                   | -                               | -                                     | -           | 2        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   |                                      |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118  | 19                                  | 8                                   | 2                               | -                                     | -           | 2        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| Christchurch Marylebone H - W.M.  | 33700  | 20                                  | 10                                  | 4                               | 2                                     | -           | 1        | -              | -           | 1               | -       | -                              | -                            | 3          | -         | -              | -   |                                      |
| St. John Marylebone H - - W.M.  | 33638  | 17                                  | 10                                  | 3                               | 4                                     | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| Hampstead WwHHHH N.R. & W.M.  | 45432  | 23                                  | 11                                  | 2                               | 3                                     | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | -   |                                      |
| Regent's Park Pancras H - - W.M.  | 89115  | 16                                  | 8                                   | 3                               | -                                     | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3              | 7   |                                      |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 19                                  | 12                                  | 2                               | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| Gray's Inn Lane HHH - - N.R.  | 80247  | 17                                  | 10                                  | 4                               | -                                     | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 2              | 3   |                                      |
| Romer's Town H - - N.R.   | 84369  | 14                                  | 13                                  | 4                               | 5                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 2              | 3   |                                      |
| Camden Town WH - - N.R.   | 17811  | 15                                  | 8                                   | 2                               | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 4              | -   |                                      |
| Kentish Town W - - N.R.   | 87487  | 59                                  | 26                                  | 4                               | 7                                     | -           | -        | -              | 1           | 3               | -       | -                              | -                            | 3          | 1         | 1              | 6   |                                      |
| Upper Holloway WWwH - - N.R.  | 67946  | 61                                  | 27                                  | 4                               | 7                                     | -           | -        | 1              | -           | -               | -       | -                              | -                            | 4          | 1         | 2              | 12  |                                      |
| Islington South-west HH - - N.R.  | 100976                                       | 63                                  | 25                                  | 10                              | 4                                     | -           | -        | -              | -           | 2               | -       | -                              | -                            | 7          | -         | -              | -   |                                      |
| Islington South-east - - N.R.   | 61826  | 40                                  | 14                                  | 6                               | 3                                     | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 3              | -   |                                      |
| Highbury H - - N.R.   | 52048  | 18                                  | 12                                  | 3                               | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| Stoke Newington H - - N.R.  | 22781  | 21                                  | 5                                   | 2                               | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -   |                                      |
| Stamford Hill - - E.L.  | 9277   | 5                                   | 1                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| West Hackney H - - N.R.   | 87610  | 18                                  | 10                                  | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1   |                                      |
| Hackney WwvvhH - - E.L. & N.R.  | 76911  | 75                                  | 32                                  | 8                               | 6                                     | -           | -        | 5              | 1           | -               | -       | -                              | -                            | 4          | -         | 2              | 11  |                                      |
| South Hackney - - E.L.  | 39483  | 19                                  | 8                                   | 1                               | 3                                     | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| CENTRAL DISTRICTS.  |  |                                     |                                     |                                 |                                       |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                      |
| St. George Bloomsbury - - N.R.  | 16681  | 11                                  | 2                                   | -                               | -                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| St. Giles South WH - - N.R.   | 14864  | 14                                  | 6                                   | -                               | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 4   |                                      |
| St. Giles North - - N.R.  | 18337  | 6                                   | 2                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508  | 4                                   | 8                                   | 4                               | 2                                     | -           | -        | -              | -           | -               | 1       | -                              | -                            | 1          | -         | -              | 3   |                                      |
| St. Mary-le-Strand H - - N.R.   | 7515   | 2                                   | 1                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| St. Clement Danes H - - N.R.  | 8359   | 8                                   | 2                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2   |                                      |
| Strand Union Workhouse, Edmonton &c.  | -  | -                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| St. Geo. the Martyr HHHHHHH N.R.  | 18671  | 12                                  | 11                                  | 3                               | 1                                     | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | 6   |                                      |
| St. Andrew Eastern W - - N.R.   | 10706  | 6                                   | 4                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1   |                                      |
| Saffron Hill H - - N.R.   | 6533   | 4                                   | 1                                   | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| St. James Clerkwell - - N.R.  | 17516  | 13                                  | 10                                  | 7                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | 1              | -   |                                      |
| Amwell Clerkwell - - N.R.   | 19281  | 10                                  | 6                                   | 3                               | -                                     | -           | 1        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1              | -   |                                      |
| Pentonville - - N.R.  | 14773  | 12                                  | 3                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -              | -   |                                      |
| Goswell-street - - N.R.   | 17508  | 8                                   | 7                                   | 4                               | 3                                     | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2              | -   |                                      |
| Old-street H - - N.R.   | 11541  | 8                                   | 8                                   | 4                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| City-road HHL - - N.R.  | 18628  | 22                                  | 14                                  | 9                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 4          | -         | -              | 1   |                                      |
| Whitecross-street - - N.R.  | 9217   | 5                                   | 6                                   | 1                               | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| Finsbury - - N.R.   | 7463   | 9                                   | 2                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | -   |                                      |
| Holborn Union Workhouse, Mitcham, &c.                                       | -  | -                                   | 3                                   | -                               | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| St. Botolph H - - N.R. & E.L.   | 11174  | 3                                   | 4                                   | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3   |                                      |
| Cripplegate - - N.R.  | 7193   | 2                                   | -                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| St. Sepulchre H - - N.R.  | 5593   | 3                                   | 12                                  | 1                               | 3                                     | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | -              | 11  |                                      |
| St. Bride W - - N.R.  | 8396   | 1                                   | 3                                   | 1                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| Allhallows Barking - - N.R.   | 13666  | 2                                   | 2                                   | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |
| Broad Street H - - N.R.   | 6692   | 3                                   | 1                                   | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                      |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *H*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it also see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifi-  
cant Grand Junction Company; *W.M.* West Middlesex; *C.* Chelsea; *S.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London  
and Kent Company.

DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
y, the 18th August, 1888.

| The DEATHS registered in the Week include |             |  |                                  |                                  |                               |                                     |            |          |                |             |                 |         |                                      |                             |            |           |                |                                   |                               |
|---|-------------|--|----------------------------------|----------------------------------|-------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------------|-----------------------------|------------|-----------|----------------|-----------------------------------|-------------------------------|
| REGISTRATION                              |             | Edu-<br>cated<br>Popu-<br>lation,<br>1881. | Total Births during the<br>Week. | Total Deaths during the<br>Week. | Deaths from                   |                                     |            |          |                |             |                 |         |                                      |                             |            |           | Inquest Cases. | Deaths in Public<br>Institutions. | Unnatural Causes<br>of Death. |
| SUB-DISTRICTS.                            |             |  |                                  |                                  | Infants under<br>Year of Age. | Persons aged 20<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas<br>(or<br>Typhoid) Fever. | Simple epi-<br>demic Fever. | Diarrhoea. | Violence. |                |                                   |                               |
| EAST DISTRICTS.                           |             |  |                                  |                                  |                               |                                     |            |          |                |             |                 |         |                                      |                             |            |           |                |                                   |                               |
| Shoreditch                                | N.R. & E.L. | 7376                                       | 6                                | 1                                | 1                             | -                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| St. Shoreditch                            | HL*         | 14667                                      | 7                                | 5                                | -                             | 2                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | 3         |                |                                   |                               |
| New Town                                  | W           | 2137                                       | 32                               | 7                                | 3                             | 1                                   | -          | 1        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| Old Town                                  | -           | 24126                                      | 10                               | 5                                | 3                             | -                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| Don WH                                    | N.R. & E.L. | 46275                                      | 10                               | 27                               | 12                            | 4                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| H-road                                    | H-          | 3778                                       | 54                               | 8                                | 3                             | -                                   | -          | -        | 1              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| Bethnal Green                             | WHL*        | 47132                                      | 26                               | 19                               | 6                             | 4                                   | -          | -        | 1              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| Bethnal Green                             | -           | 1981                                       | 22                               | 9                                | 2                             | 1                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| Bethnal Green                             | -           | 1831                                       | 16                               | 1                                | -                             | -                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| Isle                                      | -           | 2255                                       | 18                               | 6                                | 3                             | 1                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| New Town                                  | W           | 18475                                      | 12                               | 12                               | 1                             | 6                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | 9         |                |                                   |                               |
| St. Paul's Church                         | H           | 17459                                      | 15                               | 5                                | 6                             | 1                                   | -          | -        | -              | -           | -               | -       | 4                                    | -                           | 12         | 19        |                |                                   |                               |
| n's Fields                                | -           | 4713                                       | 3                                | 3                                | 2                             | 1                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| -   | N.R. & E.L. | 1102                                       | 6                                | 1                                | -                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| ge's, North                               | -           | 18547                                      | 24                               | 13                               | 5                             | -                                   | -          | -        | -              | 1           | -               | -       | 2                                    | -                           | 2          | 2         |                |                                   |                               |
| , St. George East                         | W           | 849  | 7                                | 5                                | 1                             | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | 4          | -         |                |                                   |                               |
| H HH                                      | -           | 10895                                      | 8                                | 6                                | 3                             | -                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | 1         |                |                                   |                               |
| -   | -           | 10107                                      | 11                               | 7                                | 2                             | -                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | 1          | -         |                |                                   |                               |
| ne  | -           | 5560                                       | 27                               | 21                               | 13                            | 1                                   | -          | 3        | 1              | -           | -               | -       | 5                                    | -                           | 1          | -         |                |                                   |                               |
| d Old Town West                           | -           | 7060                                       | 27                               | 14                               | 7                             | 3                                   | -          | -        | -              | -           | -               | -       | 3                                    | -                           | 1          | 1         |                |                                   |                               |
| d Old Town East                           | WHH         | 17685                                      | 43                               | 11                               | 5                             | 6                                   | -          | -        | 1              | -           | -               | -       | 1                                    | -                           | 3          | 9         |                |                                   |                               |
| y WHH                                     | -           | 17674                                      | 16                               | 9                                | 3                             | 3                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| y WHH                                     | -           | 14579                                      | 54                               | 43                               | 13                            | 9                                   | -          | 4        | -              | 1           | -               | -       | 4                                    | -                           | 3          | 13        |                |                                   |                               |
| WHH                                       | -           | 17677                                      | 42                               | 12                               | -                             | -                                   | -          | 8        | -              | 1           | -               | -       | 5                                    | -                           | 3          | 1         |                |                                   |                               |
| SOUTH DISTRICTS.                          |             |  |                                  |                                  |                               |                                     |            |          |                |             |                 |         |                                      |                             |            |           |                |                                   |                               |
| Southwark                                 | WH          | 11113                                      | 12                               | 5                                | 4                             | -                                   | -          | -        | -              | -           | -               | -       | 2                                    | -                           | -          | -         |                |                                   |                               |
| our Southwark                             | -           | 14119                                      | 8                                | 3                                | 1                             | -                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| ad  | -           | 11181                                      | 19                               | 4                                | 1                             | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| b-road                                    | WH          | 17565                                      | 14                               | 10                               | 4                             | -                                   | -          | -        | 1              | 1           | -               | -       | 1                                    | -                           | 5          | -         |                |                                   |                               |
| b-road                                    | HL          | 11113                                      | 14                               | 7                                | 4                             | -                                   | -          | -        | -              | -           | -               | -       | 3                                    | -                           | 1          | -         |                |                                   |                               |
| Newington                                 | -           | 11113                                      | 14                               | 7                                | 4                             | -                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | 1          | -         |                |                                   |                               |
| r Walworth                                | W           | 11113                                      | 49                               | 13                               | 5                             | 3                                   | -          | 1        | -              | -           | -               | -       | 1                                    | -                           | 1          | -         |                |                                   |                               |
| r Newington                               | -           | 11113                                      | 17                               | 6                                | 2                             | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | 1          | -         |                |                                   |                               |
| e WH                                      | -           | 11156                                      | 12                               | 14                               | 4                             | 2                                   | -          | -        | -              | -           | -               | -       | 1                                    | 3                           | 4          | 7         |                |                                   |                               |
| Market                                    | -           | 11156                                      | 19                               | 5                                | 2                             | 1                                   | -          | -        | -              | -           | -               | -       | 3                                    | -                           | -          | -         |                |                                   |                               |
| Magdalen                                  | W           | 11156                                      | 12                               | 2                                | 3                             | -                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | 1         |                |                                   |                               |
| de Bermondsey                             | -           | 11156                                      | 29                               | 13                               | 4                             | 3                                   | -          | -        | -              | -           | -               | -       | 1                                    | 2                           | -          | -         |                |                                   |                               |
| the WH-                                   | -           | 11024                                      | 30                               | 14                               | 4                             | 1                                   | -          | -        | -              | 1           | 1               | -       | -                                    | -                           | 2          | -         |                |                                   |                               |
| o-road 1st                                | H-          | 18195                                      | 13                               | 10                               | 6                             | 2                                   | -          | -        | -              | -           | -               | -       | 2                                    | -                           | 1          | -         |                |                                   |                               |
| o-road 2nd                                | H-          | 18151                                      | 10                               | 3                                | 2                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| b Church 1st                              | H           | 18176                                      | 15                               | 22                               | 3                             | 3                                   | -          | -        | -              | -           | -               | -       | 2                                    | 1                           | 4          | 15        |                |                                   |                               |
| b Church 2nd                              | WH          | 18159                                      | 35                               | 14                               | 5                             | 3                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | 8          | 1         |                |                                   |                               |
| ton 1st                                   | -           | 45125                                      | 28                               | 13                               | 5                             | 2                                   | -          | -        | -              | -           | -               | -       | 2                                    | -                           | 1          | -         |                |                                   |                               |
| ton 2nd                                   | -           | 47332                                      | 18                               | 9                                | 1                             | 3                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| wo  | -           | 42187                                      | 16                               | 12                               | 4                             | 4                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | -          | -         |                |                                   |                               |
| W   | -           | 18617                                      | 13                               | 3                                | 1                             | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| tersea                                    | -           | 24675                                      | 40                               | 12                               | 8                             | 3                                   | -          | -        | -              | 1           | -               | -       | 3                                    | -                           | -          | -         |                |                                   |                               |
| tersea WH                                 | -           | 21857                                      | 51                               | 23                               | 9                             | 6                                   | -          | -        | -              | -           | -               | -       | 2                                    | -                           | 1          | 6         |                |                                   |                               |
| th  | WHL         | 2840                                       | 29                               | 4                                | 1                             | 2                                   | -          | -        | -              | -           | -               | -       | 1                                    | 1                           | 1          | 2         |                |                                   |                               |
| orth                                      | -           | 18004                                      | 10                               | 14                               | 9                             | 3                                   | -          | -        | 2              | -           | -               | -       | 2                                    | -                           | 1          | -         |                |                                   |                               |
| -   | -           | 18235                                      | 12                               | 3                                | 1                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| -   | -           | 25553                                      | 19                               | 10                               | 1                             | 6                                   | -          | -        | -              | -           | -               | -       | 1                                    | 1                           | 1          | -         |                |                                   |                               |
| o-road                                    | WHL*        | 5590                                       | 4                                | 1                                | -                             | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| ell                                       | WHL*        | 19104                                      | 52                               | 40                               | 9                             | 15                                  | -          | -        | -              | -           | -               | -       | 3                                    | 2                           | 2          | 19        |                |                                   |                               |
| W   | -           | 71049                                      | 31                               | 20                               | 6                             | 6                                   | -          | -        | -              | -           | -               | -       | 4                                    | 1                           | -          | -         |                |                                   |                               |
| ze Camberwell                             | -           | 60816                                      | 40                               | 20                               | 6                             | 2                                   | -          | 1        | -              | -           | -               | -       | 2                                    | 1                           | 1          | -         |                |                                   |                               |
| Deptford                                  | WHL         | 76752                                      | 61                               | 25                               | 10                            | 2                                   | -          | -        | 1              | -           | 1               | -       | 5                                    | -                           | 1          | 1         |                |                                   |                               |
| ina Deptford                              | -           | 7501                                       | 3                                | 4                                | 1                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | 2                           | -          | -         |                |                                   |                               |
| ch West                                   | WHL         | 21872                                      | 10                               | 5                                | -                             | -                                   | -          | 1        | -              | -           | -               | -       | -                                    | 1                           | 2          | 1         |                |                                   |                               |
| ch East WHH                               | -           | 24608                                      | 23                               | 15                               | 5                             | 5                                   | -          | -        | -              | -           | -               | -       | 3                                    | -                           | 8          | -         |                |                                   |                               |
| H   | -           | 5048                                       | 4                                | 1                                | -                             | 1                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| -   | -           | 21519                                      | 5                                | 5                                | 2                             | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| m WH                                      | -           | 18865                                      | 23                               | 5                                | 2                             | 2                                   | -          | -        | -              | -           | -               | -       | 1                                    | 1                           | 2          | -         |                |                                   |                               |
| m H                                       | -           | 24076                                      | 17                               | 7                                | 3                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| H   | -           | 18350                                      | 2                                | -                                | -                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| b Dockyard                                | -           | 17617                                      | 12                               | 1                                | -                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| b Arsenal                                 | HH          | 19148                                      | 14                               | 6                                | 1                             | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | 1          | 1         |                |                                   |                               |
| rd, West                                  | H           | 14049                                      | 9                                | 4                                | 2                             | 1                                   | -          | -        | -              | -           | -               | -       | 1                                    | -                           | 1          | -         |                |                                   |                               |
| rd, East W                                | -           | 12241                                      | 13                               | 11                               | 4                             | 2                                   | -          | -        | -              | -           | -               | -       | -                                    | 1                           | 2          | 3         |                |                                   |                               |
| Ham Asylum Hospitals:                     | -           | -  | -                                | -                                | -                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| ard w                                     | -           | -  | -                                | -                                | -                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| hure Hill w                               | -           | -  | -                                | -                                | -                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |
| ow w                                      | -           | -  | -                                | -                                | -                             | -                                   | -          | -        | -              | -           | -               | -       | -                                    | -                           | -          | -         |                |                                   |                               |

OWING WORKHOUSE ESTABLISHMENTS receive inmates from other Districts than the one in which they stand, and are indicated in the list by an asterisk:—

ebone Intimary in Kensington Town sub-district.

at London Sick Asylum, in Tottenham Court-road sub-district.

in City Workhouse .. Hackney sub-district.

ru " " Division New Town sub-district.  
[echapel] " " Mile End Old Town Eastern sub-district.

1 Mile End Old Town Eastern sub-dist.

rate Lunatic Asylum in which paupers are received

vide Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district:

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.

Metropolitan Asylum District Hospitals in Fencham, Hampster  
Box, Brixton, and St. Paul, Dartford and districts, and in

ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

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TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 18th August, 1898.

| Registration District and Sub-district Numbers. | REGISTRATION SUB-DISTRICTS. | Area in Acres, including Tidal Water and Fore-shore. | Enumerated Population, 1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                  |             |          |                |             |                 |        |            |           |                |                                |   |
|---|-----------------------------|--|------------------------------|---------|---------|---|----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|--------------------------------|---|
|   |                             |  |                              |         |         | Deaths of                                 |                                  | Deaths from |          |                |             |                 |        |            |           |                |                                |   |
|   |                             |  |                              |         |         | Infants under 1 Year of Age.              | Persons aged 40 Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public Institutions. |   |
| LONDON—OUTER RING                               |                             | 370,924  | 950,957                      | 768     | 319     | 114                                       | 64                               | -           | 7        | 1              | 5           | 8               | 2      | 31         | 16        | 21             | 28                             |   |
| 30: 1   | Carshalton wL -             | 12228  | 21118                        | 4       | 11      | 1   | 3                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 1                              | 7 |
| 2   | Epsom (part of)* WwH        | 9971   | 10710                        | 8       | 4       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | 2 |
| 37: 1   | Godstone (part of)* -       | 2754   | 1235                         | 2       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 38: 1   | Croydon WicHHL -            | 20851  | 101241                       | 61      | 16      | 6   | 2                                | -           | 1        | -              | 2           | -               | -      | -          | -         | -              | -                              | 2 |
| 2   | Mitcham w† -                | 11697  | 17982                        | 13      | 4       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 39: 1   | Wimbledon HHH -             | 3220   | 15950                        | 14      | 6       | 1   | 2                                | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | 1                              | 1 |
| 2   | Kingston WHH -              | 8549   | 36354                        | 21      | 11      | 4   | 5                                | -           | -        | -              | -           | -               | -      | -          | -         | 2              | 2                              | - |
| 3   | Esher (part of)* -          | 6601   | 9221                         | 13      | 3       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 4   | Hampton H -                 | 4573   | 13539                        | 9       | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 40: 1   | Richmond WH -               | 2272   | 21302                        | 17      | 7       | 3   | 1                                | -           | -        | -              | -           | 1               | -      | 1          | 1         | 1              | 1                              | 2 |
| 2   | Mortlake -                  | 2941   | 12331                        | 12      | 5       | 1   | -                                | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | 1                              | - |
| 41: 1   | Bromley (pt. of)* HH        | 15669  | 81142                        | 23      | 5       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 2   | Chislehurst (pt. of)* WHH   | 14307  | 15844                        | 14      | 4       | 2   | 1                                | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | 1                              | - |
| 42: 1   | Bexley H -                  | 13487  | 24134                        | 13      | 8       | 1   | 3                                | -           | -        | -              | -           | -               | 1      | -          | -         | -              | -                              | 1 |
| 2   | Dartford (Ww, pts. of)*     | -  | -                            | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 124: 1  | Stunbury w -                | 11055  | 11685                        | 8       | 5       | 1   | 4                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                              | - |
| 2   | Staines W -                 | 13277  | 12059                        | 11      | 6       | 4   | -                                | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | 1                              | 1 |
| 125: 1  | Hillingdon WHH -            | 6029   | 10802                        | 7       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 2   | Uxbridge -                  | 6178   | 3225                         | 2       | 3       | -   | 1                                | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                              | - |
| 3   | Hayes wHL -                 | 14587  | 11523                        | 6       | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | 2 |
| 126: 1  | Isleworth WHH -             | 7008   | 22727                        | 10      | 3       | 1   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 2   | Twickenham H -              | 2477   | 12479                        | 11      | 5       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 3   | Brentford HL -              | 4345   | 27649                        | 22      | 4       | 2   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 4   | Chiswick -                  | 1340   | 15975                        | 9       | 6       | 4   | 1                                | -           | -        | -              | -           | -               | -      | 2          | 1         | 1              | 1                              | - |
| 5   | Acton wH -                  | 6083   | 22876                        | 20      | 11      | 3   | 1                                | -           | -        | -              | -           | -               | -      | -          | 1         | 3              | 1                              | 1 |
| 127: 1  | Harrow H -                  | 13809  | 12796                        | 16      | 3       | -   | -                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                              | 1 |
| 2   | Edgware H -                 | 6994   | 3749                         | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 3   | Willesden -                 | 4383   | 27453                        | 36      | 19      | 10  | 2                                | -           | 1        | -              | 1           | 1               | -      | 2          | -         | -              | -                              | - |
| 4   | Hendon W -                  | 8352   | 10484                        | 4       | 2       | -   | 2                                | -           | -        | -              | -           | -               | -      | 1          | -         | 1              | -                              | - |
| 128: 1  | South Mimms -               | 15599  | 6391                         | 4       | 1       | 1   | -                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                              | - |
| 2   | Barnet -                    | 5433   | 10092                        | 2       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 3   | Finchley HL -               | 4688   | 17615                        | 12      | 7       | 2   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | 4 |
| 129: 1  | Hornsey H -                 | 3039   | 37078                        | 22      | 11      | 1   | 4                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 2   | Tottenham H -               | 4642   | 46456                        | 44      | 33      | 23  | 4                                | -           | 4        | -              | -           | 1               | -      | 9          | 1         | 2              | 1                              | 1 |
| 3   | Edmonton Ww† -              | 7483   | 23463                        | 22      | 8       | 3   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | 2 |
| 4   | Enfield WH -                | 12653  | 19104                        | 18      | 10      | 6   | 1                                | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | 1                              | - |
| 5   | Waltham Abbey -             | 11017  | 5368                         | 2       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 6   | Cheshunt -                  | 8420   | 7735                         | 8       | 4       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              | - |
| 135: 1  | Hatfield (part of)* -       | 3306   | 583                          | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 137: 1  | Bushey -                    | 9331   | 6621                         | 3       | 3       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 2   | Watford (W, pt. of)* -      | -  | -                            | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 186: 1  | Stratford -                 | 882  | 38606                        | 34      | 10      | 3   | 1                                | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                              | - |
| 2   | West Ham wWwH‡ -            | 7351   | 101053                       | 123     | 34      | 13  | 4                                | -           | -        | 1              | 1           | 1               | 1      | 4          | 1         | 1              | -                              | - |
| 3   | Leyton WwL -                | 4372   | 32430                        | 31      | 12      | 4   | 3                                | -           | 1        | -              | -           | -               | -      | 1          | 1         | 1              | 1                              | 1 |
| 4   | Walthamstow H -             | 6520   | 28869                        | 25      | 14      | 5   | 1                                | -           | -        | -              | 1           | -               | -      | 3          | -         | -              | -                              | - |
| 187: 1  | Chiswell (part of)* H       | 11761  | 9689                         | 7       | 3       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                              | - |
| 2   | Epping (W, pt. of)* -       | -  | -                            | 3       | 2       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 189: 1  | Romford (part of)* W        | 6730   | 3411                         | 1       | 1       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              | - |
| 2   | Ilford -                    | 8493   | 7645                         | 8       | 2       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                              | - |
| 3   | Barking Town -              | 4127   | 9203                         | 12      | 3       | 3   | -                                | -           | -        | -              | -           | 1               | -      | 1          | -         | -              | -                              | - |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Asnstead and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Uxbridge sub-district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1893); 41: 1, Bromley sub-district, except the parishes of Cadogan and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district: 187: 1, Chiswell sub-district, except the parish of Thevdon Bois (pop. 2751); 189: 1, the parish of Dagenham in Romford sub-district: 42: 2, Dartford, 137: 2, Watford, and 187: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 18th August, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |                                   |  |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|--|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>institutions. |  |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |  |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16  |  |                                   |  |  |  |
| ATER LONDON               | 448,334  | 5,527,886                                      | 15·6  | 2·9                                   | 1649                             | 558                                       | 331  | -           | 40       | 18                | 18          | 28                  | 7      | 193        | 63        | 324 |  |                                   |  |  |  |
| NNER LONDON -             | 77,410   | 4,282,921                                      | 16·2  | 3·0                                   | 1330                             | 444                                       | 267  | -           | 33       | 17                | 13          | 20                  | 5      | 162        | 47        | 296 |  |                                   |  |  |  |
| UTER RING -               | 370,924  | 1,244,965                                      | 13·4  | 2·3                                   | 319                              | 114                                       | 64   | -           | 7        | 1                 | 5           | 8                   | 2      | 31         | 16        | 28  |  |                                   |  |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 652 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,334,706 PERSONS.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. | BIRTHS.                 | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES                        |
|----------------------------------|---------------------------------------|-----------------|-------------------------|---------|------------------------------------|--|
|                                  |                                       | Week ending     | Exclusive of Stillborn. |         |                                    |  |
| CALCUTTA - -                     | 433,219                               | July 7          | -                       | 163     | 19·6                               | Fevers 20; cholera 10.                               |
| BOMBAY - -                       | 773,196                               | " 24            | 335                     | 430     | 24·8                               | Fevers 147; cholera 6; diarrhoeal diseases 38.       |
| MADRAS - -                       | 398,777                               | " 6             | -                       | -       | -                                  | -  |
| PARIS - - -                      | 2,260,945                             | August 11       | 1180                    | 869     | 20·0                               | Measles 29; diph. and croup 24; diar. dis. 109.      |
| BRUSSELS - - (with 8 Faubourgs.) | 402,069                               | " 11            | 251                     | 184     | 20·7                               | Measles 3; typhd. fev. & typhus 2; diar. dis. 35.    |
| AMSTERDAM -                      | 390,016                               | " 11            | 302                     | 149     | 19·8                               | Whooping-cough 4.                                    |
| ROTTERDAM -                      | 193,658                               | " 11            | 136                     | 61      | 16·3                               | -  |
| THE HAGUE -                      | 140,477                               | " 11            | 100                     | 43      | 14·9                               | Measles 1.   |
| COPENHAGEN                       | 300,000                               | " 7             | 199                     | 111     | 19·3                               | Diphtheria 6; diarrhoeal diseases 13.                |
| STOCKHOLM -                      | 221,549                               | " 4             | 131                     | 69      | 16·2                               | Scar. fev. 2; diar. dis. 13.                         |
| CHRISTIANIA -                    | 135,600                               | " 11            | 60                      | 36      | 13·8                               | Diphtheria and croup 2; diarrhoeal dis. 6.           |
| ST. PETERSBURG                   | 928,016                               | " 4             | -                       | 555     | 31·2                               | Typhus & typhd. fev. 11; meas. 30; diar. dis. 146.   |
| BERLIN - -                       | 1,438,006                             | July 28         | 937                     | 630     | 22·9                               | Measles 16; diphtheria 11; diarrhoeal diseases 153.  |
| HAMBURG(State)                   | 550,694                               | August 4        | 359                     | 239     | 22·6                               | Typhus 4; diph. & croup 8; diar. dis. 44.            |
| DRESDEN - -                      | 259,142                               | " 4             | 171                     | 107     | 21·5                               | Scarlet fever 2; diarrhoeal diseases 15.             |
| BRISLAU - -                      | 313,451                               | " 11            | 223                     | 163     | 27·8                               | Diphtheria 4; diarrhoeal diseases 38.                |
| MUNICH - -                       | 275,000                               | " 4             | 216                     | 167     | 31·6                               | Diphtheria and croup 5; diarrhoeal diseases 64.      |
| VIENNA - -                       | 803,836                               | " 4             | 498                     | 310     | 20·1                               | Measles 7; diphtheria 5; diarrhoeal diseases 42.     |
| PRAGUE - -                       | 295,857                               | " 4             | -                       | 181     | 31·9                               | Small-pox 10; diph. 5; measles 4.                    |
| BUDA-PESTH -                     | 442,787                               | " 4             | 322                     | 327     | 38·4                               | Diph. 8; diar. dis. 112.                             |
| TRIESTE - -                      | 156,042                               | " 4             | -                       | 87      | 29·0                               | Small-pox 4; diph. and croup 2; diar. dis. 17.       |
| ROME - -                         | 588,300                               | June 30         | 213                     | 213     | 28·6                               | Meas. 4; tp. & tpd. fr. 3; diarrhoeal diseases 38.   |
| TURIN (10 days)                  | 294,826                               | July 20         | 231                     | 174     | 21·6                               | Diphtheria 7; diarrhoeal diseases 29.                |
| VENICE - -                       | 150,502                               | August 4        | 87                      | 72      | 25·0                               | Diarrhoeal diseases 17.                              |
| CAIRO - -                        | 374,838                               | July 26         | 237                     | 574     | 79·9                               | Meas. 30; typhd. fev. 23; diarrhoeal diseases 280.   |
| ALEXANDRIA -                     | 231,396                               | " 26            | 149                     | 225     | 50·7                               | Typhd. fev. 7; diar. dis. 86.                        |
| NEW YORK -                       | 1,493,000                             | " 28            | -                       | 1002    | 35·0                               | Diph. 35; scar. fev. 19; meas. 23; diar. dis. 264.   |
| BROOKLYN -                       | 774,470                               | " 28            | -                       | 404     | 26·6                               | Diph. 10; scar. fever 7; wh.-cph. 5; diar. dis. 120. |
| PHILADELPHIA -                   | 1,016,758                             | " 28            | -                       | 459     | 23·6                               | Typhd. fev. 23; diarrhoeal diseases 83.              |
| BALTIMORE -                      | 431,879                               | " 28            | -                       | 219     | 26·5                               | Diarrhoeal diseases 54.                              |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 18th August, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.        | Month and Day.  | Phases of the Moon. | TEMPERATURE. |              |                   |   | TEMPERATURE.                          |               |                           |             | Wind as deduced from Anemometers. |                              |           |             | Rain collected in a Gauge receiving surface is 5 inches above the Ground. |            |           |                   |   |   |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |       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|              |   |                     | Of the Air.  |              | Of the Dew Point. | Difference between the Air Temperature and Dew Point. |                                       | Of Radiation. | Of the Water at Deptford. |             | General Direction.                | Pressure on the square Foot. |           | Robinson's. |   |            |           |                   |   |   |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      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          |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           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|              |   |                     | Low. est.    | Daily Range. |                   | Mean daily value.                                     | De- parture from average of 10 years. |               | Mean daily value.         | Great. est. |                                   | High. est.                   | Low. est. |             |   | A.M.       | P.M.      | Mean of 24 hours. | Horizontal Movement of the Air on each day. | Departure from the Average of 10 Years. |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |           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|            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |              |      |        |             |             |      |           |          |            |           |         |
| Baro- meter. | Mean reading (cor- rected for radiation and re- duced to 32° Fahr- tent). | High. est.          | Low. est.    | Daily Range. | Mean daily value. | De- parture from average of 10 years.                 | Mean daily value.                     | Great. est.   | °                         | °           | °                                 | SSW.                         | SSW & SW. | SSW & WSW.  | WSW & W.  | WSW & WNW. | Variable. | E. N.E. & E.      | N.E.  | N.N.E.                                  | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. & E. | N.E. | N.N.E. | N. & N.N.E. | N.N.W. & N. | SSW. | SSW & SW. | WSW & W. | WSW & WNW. | Variable. | E. N.E. |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 34. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, AUGUST 25. [Price 1½d.

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27th August, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·1 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.             | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|--------------------|--------------|-------------|-------------|-------------|
|              | Aug.<br>4.   | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. |                    | Aug.<br>4.   | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. |
| Birkenhead   | 17·2         | 19·3        | 13·0        | 13·6        | Liverpool -        | 18·6         | 19·0        | 18·1        | 22·6        |
| Birmingham   | 15·8         | 16·4        | 13·0        | 13·4        | London -           | 15·9         | 18·0        | 16·2        | 17·5        |
| Blackburn -  | 13·2         | 15·8        | 14·9        | 18·0        | Manchester -       | 21·9         | 23·0        | 22·8        | 23·5        |
| Bolton -     | 13·3         | 14·3        | 12·9        | 19·3        | Newcastle-on-Tyne* | 13·8         | 19·4        | 17·1        | 17·1        |
| Bradford*    | 13·6         | 17·7        | 14·5        | 16·4        | Norwich -          | 13·4         | 13·9        | 17·3        | 19·5        |
| Brighton -   | 10·0         | 14·3        | 16·1        | 13·0        | Nottingham*        | 12·7         | 16·3        | 12·9        | 15·4        |
| Bristol -    | 9·0          | 13·4        | 13·4        | 11·5        | Oldham -           | 15·9         | 14·7        | 14·7        | 13·6        |
| Cardiff*     | 12·0         | 18·7        | 19·7        | 17·8        | Plymouth -         | 16·8         | 23·5        | 20·1        | 17·5        |
| Derby -      | 13·0         | 9·2         | 20·6        | 13·0        | Portsmouth -       | 14·6         | 12·0        | 13·5        | 17·9        |
| Halifax -    | 18·2         | 18·2        | 15·0        | 23·4        | Preston -          | 19·7         | 18·7        | 14·7        | 31·8        |
| Huddersfield | 21·1         | 11·4        | 13·7        | 14·3        | Salford*           | 18·0         | 18·9        | 18·0        | 20·3        |
| Hull -       | 12·4         | 12·6        | 14·2        | 15·7        | Sheffield -        | 18·8         | 20·9        | 20·6        | 17·0        |
| Leeds -      | 16·5         | 19·9        | 19·0        | 24·1        | Sunderland -       | 13·4         | 13·1        | 13·4        | 13·1        |
| Leicester*   | 18·1         | 16·0        | 16·0        | 27·4        | Wolverhampton -    | 19·2         | 15·3        | 16·6        | 28·7        |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 2·0 in Bradford; from *scarlet fever*, 1·0 in Preston, 1·1 in Norwich and in Derby, and 2·2 in Blackburn; from *whooping-cough*, 1·0 in Sheffield and in Birkenhead, 1·1 in Manchester, and 1·9 in Wolverhampton; from "*fever*," 1·0 in Birkenhead; and from *diarrhoea*, 2·8 in Sheffield and in Bolton, 3·2 in Wolverhampton, 3·3 in Norwich, 3·7 in Salford, 3·8 in Liverpool, 4·5 in Preston, 5·2 in Leeds, and 5·7 in Leicester. The 25 deaths from *diphtheria* in these towns included 17 in London, and 3 in Manchester. *Small-pox* caused one death in Nottingham, and one in Oldham, but not one in London or in any of the twenty-seven other great towns.

## LONDON.

In LONDON† 2401 BIRTHS and 1438 DEATHS were registered. Allowing for increase of population, the births were 300, and the deaths 115, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·9, 18·0, and 16·2 in the three preceding weeks, rose again last week to 17·5. During the first eight weeks of the current quarter the death-rate averaged 16·2 per 1000, and was 4·7 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last decennial period has been maintained since 1881. There are, however, reasons (derived from the numbers inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1438 deaths included 47 from measles, 21 from scarlet fever, 17 from diphtheria, 28 from whooping-cough, 7 from enteric fever, 192 from diarrhoea and dysentery, 7 from cholera and choleraic diarrhoea, and not one from small-pox, typhus, or ill-defined forms of continued fever; thus, 319 deaths were referred to these diseases, being 36 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; only 3 small-pox patients were under treatment in the Metropolitan Asylum Hospitals, and one in the Highgate Small-pox Hospital, on Saturday last. The fatal cases of *measles*, which had been 51 and 33 in the two preceding weeks, rose again last week to 47, and exceeded the corrected average by 12; 4 belonged to Marylebone, 5 to Pancras, 5 to Islington, 4 to Mile End Old Town, and 4 to Poplar, sanitary areas. The 21 deaths from *scarlet fever* showed a slight increase upon recent weekly numbers, but were 20 below the corrected average; 5 belonged to Bethnal Green, 2 to Bermondsey, and 3 to Battersea sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 783 scarlet fever patients, against numbers declining in the seven preceding weeks from 924 to 774; 83 cases were admitted during the week, against numbers declining from 105 to 66 in the five previous weeks. The fatal cases of *diphtheria*, which had been 25 and 13 in the two previous weeks, rose again last week to 17, and were one below the corrected average; 2 belonged to Fulham (29, Irene Road), 2 to Bethnal Green, and 2 to St. George Southwark sanitary areas. The 28 deaths from *whooping-cough* showed an increase of 8 upon the number in the previous week, but were 14 below the corrected average; 6 belonged to Pancras sanitary area. The deaths attributed to *diarrhoea* and *dysentery*, which had increased in the five preceding weeks from 62 to 162, further rose last week to 192, and exceeded the corrected average by 7; 180 were of children under five years of age, including 138 of infants under one year of age. The 7 deaths referred to *cholera* included 6 of infants under three years of age from *cholera infantum* or *choleraic diarrhoea*, and one of an adult, aged 47 years, in Stepney, from *choleraic diarrhoea*.

The deaths referred to *enteric fever*, which had declined in the four preceding weeks from 15 to 2, rose again last week to 7, but were 8 below the corrected average. The Metropolitan Asylum Hospitals contained 71 cases of enteric fever, but not one of typhus, on Saturday last; 10 cases of enteric fever were admitted during the week, against 8 and 7 in the two previous weeks.

The death of a hair-dresser, aged 32 years, on 18th instant, in St. Thomas's Hospital, resulted from hydrophobia.

The deaths referred to diseases of the respiratory organs, which had been 183 and 167 in the two preceding weeks, were last week 172, and 7 below the corrected average.

Different forms of violence caused 47 deaths; 35 were the result of negligence or accident, among which were 14 from fractures and contusions, 4 from burns and scalds, 6 from drowning, and 5 of infants under one year of age from suffocation. The 14 deaths from fractures and contusions were thus caused:—2 by accidents from vehicles in streets; 3 by accidents on railways; 1 by fall from window; 3 by fall from scaffold or ladder; 2 by fall down stairs or steps; 1 by fall from roof; 1 by injuries from fall of ceiling; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these cases except the last. Nine cases of suicide were registered, exceeding the corrected average by 2.

#### GREATHER LONDON.

In Greater London 3167 births and 1821 deaths were registered, corresponding to annual rates of 29·9 and 17·2 per 1000 of the population. In the Outer Ring 58 deaths from diarrhoea, 13 from measles, and 8 from diphtheria were registered. The fatal cases of diarrhoea included 15 in Tottenham, 9 in West Ham, and 6 in Enfield sub-districts. Three deaths from measles were returned in Croydon, in Willesden, and in Tottenham sub-districts; and the fatal cases of diphtheria included 2 in Edmonton and 2 in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·67 ins.; the highest reading was 30·10 ins. at the beginning of the week, and the lowest was 29·43 ins. on Friday evening. The mean temperature of the *air* was 60°·0, and 1°·3 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average during the first five, and showed an excess on each of the last two days of the week. The general direction of the *wind* was S.W., and the horizontal movement of the *air* averaged 9·1 miles per hour, which was 0·4 miles below the average in the corresponding weeks of 16 years. Rain fell on five days of the week, to the aggregate amount of 0·81 in. The duration of registered bright sunshine in the week was 29·2 hours, against 37·6 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1886. | Registered during<br>the week ending<br>25th Aug., 1888. |      |      | The Deaths registered in the Week include |  |             |          |                   |             |                     |                |                                      |                                  | TEMPERATURE OF THE AIR.                       |            |                     |           |          | RAINFALL. |               | CITIES<br>AND<br>BOROUGH. |             |             |               |                |
|---------------------------|---|--|------|------|---|--|-------------|----------|-------------------|-------------|---------------------|----------------|--------------------------------------|----------------------------------|---|------------|---------------------|-----------|----------|-----------|---------------|---------------------------|-------------|-------------|---------------|----------------|
|                           |   | 1.   | 2.   | 3.   | Deaths of                                 |  | Deaths from |          |                   |             |                     | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unclassified<br>Causes of Death. | From All<br>Week's Deaths<br>to the<br>Cause. |            | From<br>Cols. 6-12. | Mean.     |          |           | In<br>Inches. |                           | In<br>Cent. |             |               |                |
|                           |   |  |      |      | Infants under<br>1 Year of<br>Age.        | Persons aged<br>60 Years<br>and upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. |                |                                      |                                  | Fever.  | Diarrhoea. |                     | Violence. | Highest. | Lowest.   |               |                           |             | Fahrenheit. | Fahrenheit.   | Centigrade.    |
| Cols.                     |   |  |      |      | 4.  | 5.                                       | 6.          | 7.       | 8.                | 9.          | 10.                 | 11.            | 12.                                  | 13.                              | 14.   | 15.        | 16.                 | 17.       | 18.      | 19.       | 20.           | 21.                       | 22.         | 23.         | 24.           | Cols.          |
| 28 TOWNS*.                | 9,398,273   | 5412   | 3265 | 1125 | 578                                       | 2  | 68          | 49       | 25                | 71          | 23                  | 401            | 108                                  | 206                              | 504   | 78         | 18.1                | 3.6       | 76.4     | 41.1      | 57.3          | 14.06                     | 0.72        | 1.83        | -             | 28 TOWNS.      |
| LONDON*                   | 4,282,921   | 2401   | 1438 | 500  | 260                                       | -  | 47          | 21       | 17                | 28          | 7                   | 182            | 47                                   | 87                               | 303   | 19         | 17.5                | 3.8       | 76.4     | 45.7      | 60.0          | 15.56                     | 0.81        | 2.06        | LONDON.       |                |
| BRIGHTON.                 | 119,983   | 55   | 30   | 8    | 7   | -  | -           | -        | 1                 | 1           | -                   | -              | -                                    | 1                                | 2   | -          | 13.0                | 1.7       | 69.3     | 49.0      | 59.6          | 15.33                     | 0.70        | 1.78        | BRIGHTON.     |                |
| PORTSMOUTH.               | 189,575   | 94   | 48   | 12   | 10  | -  | -           | -        | 1                 | -           | -                   | -              | -                                    | 3                                | 10  | -          | 17.9                | 0.7       | -        | -         | -             | -                         | -           | -           | PORTSMOUTH.   |                |
| NORWICH.                  | 93,675  | 58   | 35   | 13   | 12  | -  | -           | -        | 2                 | -           | -                   | -              | -                                    | 6                                | 4   | 1          | 19.5                | 4.5       | -        | -         | -             | -                         | -           | -           | NORWICH.      |                |
| PLYMOUTH.                 | 77,674  | 38   | 26   | 2    | 8   | -  | -           | -        | -                 | -           | -                   | -              | -                                    | 2                                | 2   | 3          | 17.5                | 0.0       | 68.7     | 47.0      | 58.0          | 14.44                     | 1.78        | 4.62        | PLYMOUTH.     |                |
| BRISTOL.                  | 226,510   | 111  | 50   | 13   | 15  | -  | -           | -        | -                 | 3           | -                   | -              | -                                    | 2                                | 4   | 12         | 11.5                | 0.2       | 69.5     | 44.0      | 57.0          | 13.89                     | 0.59        | 1.50        | BRISTOL.      |                |
| WOLVERHAMPTON.            | 81,691  | 45   | 45   | 17   | 10  | -  | 1           | 1        | -                 | -           | -                   | 5              | 1                                    | 1                                | 1   | 9          | 2                   | 28.7      | 6.4      | 66.8      | 41.1          | 55.3                      | 12.94       | 0.71        | 1.80          | WOLVERHAMPTON. |
| BIRMINGHAM.               | 447,912   | 268  | 115  | 41   | 17  | -  | 1           | 2        | -                 | 4           | 2                   | 9              | 6                                    | 16                               | 11  | 1          | 13.4                | 2.1       | -        | -         | -             | -                         | -           | -           | BIRMINGHAM.   |                |
| LEICESTER.                | 146,790   | 84   | 77   | 40   | 12  | -  | -           | -        | -                 | 1           | 1                   | 16             | 1                                    | 4                                | 1   | 1          | 27.4                | 6.0       | -        | -         | -             | -                         | -           | -           | LEICESTER.    |                |
| NOTTINGHAM.               | 230,921   | 114  | 68   | 20   | 16  | 1  | 2           | 1        | -                 | -           | -                   | -              | 5                                    | 1                                | 2   | 6          | 3                   | 15.4      | 2.0      | 68.8      | 45.4          | 56.9                      | 13.83       | 0.42        | 1.07          | NOTTINGHAM.    |
| DERBY.                    | 96,241  | 48   | 24   | 7    | 4   | -  | -           | 2        | -                 | 1           | -                   | -              | -                                    | 4                                | 1   | 1          | 13.0                | 3.3       | -        | -         | -             | -                         | -           | -           | DERBY.        |                |
| BIRKENHEAD.               | 100,093   | 50   | 26   | 9    | 3   | -  | -           | -        | -                 | 2           | 2                   | 2              | -                                    | -                                | 4   | 1          | 13.6                | 3.1       | -        | -         | -             | -                         | -           | -           | BIRKENHEAD.   |                |
| LIVERPOOL.                | 568,788   | 338  | 260  | 84   | 37  | -  | 2           | 3        | 1                 | 4           | 1                   | 44             | 15                                   | 18                               | 32  | 7          | 22.6                | 4.8       | 68.0     | 51.4      | 57.5          | 14.17                     | 0.95        | 2.41        | LIVERPOOL.    |                |
| HOLTON.                   | 113,506   | 83   | 42   | 12   | 8   | -  | -           | -        | -                 | -           | 1                   | 6              | 1                                    | 3                                | 3   | 3          | 3.2                 | 3.2       | -        | -         | -             | -                         | -           | -           | HOLTON.       |                |
| MANCHESTER.               | 378,164   | 269  | 170  | 57   | 29  | -  | 1           | -        | 3                 | 8           | 3                   | 12             | 3                                    | 9                                | 32  | 8          | 23.5                | 3.7       | -        | -         | -             | -                         | -           | -           | MANCHESTER.   |                |
| SALFORD.                  | 226,336   | 143  | 88   | 29   | 13  | -  | -           | 1        | -                 | 3           | 2                   | 16             | -                                    | 2                                | 14  | 2          | 20.3                | 5.1       | -        | -         | -             | -                         | -           | -           | SALFORD.      |                |
| OLDHAM.                   | 138,220   | 85   | 36   | 6    | 11  | 1  | -           | -        | -                 | 1           | -                   | -              | 3                                    | 5                                | 8   | 2          | 13.6                | 0.8       | -        | -         | -             | -                         | -           | -           | OLDHAM.       |                |
| BLACKBURN.                | 119,089   | 83   | 41   | 12   | 1   | -  | 1           | 5        | -                 | -           | 1                   | -              | 2                                    | 1                                | 2   | 1          | 18.0                | 3.9       | -        | -         | -             | -                         | -           | -           | BLACKBURN.    |                |
| PRESTON.                  | 103,234   | 84   | 63   | 25   | 12  | -  | -           | 2        | -                 | -           | 1                   | 9              | 3                                    | 4                                | 4   | 2          | 31.8                | 6.6       | -        | -         | -             | -                         | -           | -           | PRESTON.      |                |
| HUDDERSFIELD.             | 91,419  | 34   | 25   | 5    | 3   | -  | -           | -        | -                 | 1           | -                   | 1              | 1                                    | 2                                | 1   | 1          | 14.3                | 1.1       | -        | -         | -             | -                         | -           | -           | HUDDERSFIELD. |                |
| HALIFAX.                  | 80,138  | 46   | 36   | 6    | 14  | -  | -           | 1        | -                 | -           | -                   | -              | -                                    | -                                | -   | 4          | 3                   | 23.4      | 0.7      | -         | -             | -                         | -           | -           | HALIFAX.      |                |
| BRADFORD.                 | 228,721   | 110  | 72   | 24   | 10  | -  | 9           | 1        | -                 | 1           | -                   | -              | 6                                    | 1                                | 3   | 7          | 3                   | 16.4      | 3.9      | 66.6      | 44.2          | 57.0                      | 13.89       | 0.37        | 0.94          | BRADFORD.      |
| LEEDS.                    | 351,210   | 227  | 162  | 81   | 19  | -  | 3           | 2        | -                 | 5           | 1                   | 35             | 3                                    | 9                                | 9   | 4          | 24.1                | 6.8       | -        | -         | -             | -                         | -           | -           | LEEDS.        |                |
| SHEFFIELD.                | 321,711   | 185  | 105  | 46   | 16  | -  | -           | 1        | 1                 | 6           | -                   | 17             | 4                                    | 6                                | 3   | 9          | 17.0                | 4.1       | -        | -         | -             | -                         | -           | -           | SHEFFIELD.    |                |
| HULL.                     | 202,359   | 105  | 61   | 22   | 12  | -  | -           | -        | -                 | 1           | 1                   | -              | 3                                    | 4                                | 5   | 7          | 2                   | 15.7      | 1.3      | 71.0      | 45.0          | 57.7                      | 14.28       | 0.70        | 1.78          | HULL.          |
| SUNDERLAND.               | 131,919   | 78   | 33   | 12   | 5   | -  | -           | -        | -                 | -           | -                   | 1              | 2                                    | 2                                | 1   | 1          | 13.1                | 1.6       | 66.0     | 43.0      | 55.1          | 12.83                     | 0.38        | 0.97        | SUNDERLAND.   |                |
| NEWCASTLE*.               | 169,008   | 116  | 52   | 14   | 9   | -  | 1           | 2        | 1                 | -           | -                   | 4              | 3                                    | 7                                | 7   | 3          | 17.1                | 2.6       | 65.0     | 44.0      | 56.4          | 13.56                     | 0.45        | 1.14        | NEWCASTLE.    |                |
| CARDIFF*.                 | 108,570   | 60   | 37   | 8    | 6   | -  | -           | -        | -                 | -           | 1                   | 2              | 4                                    | 5                                | 5   | 4          | -                   | 17.8      | 1.4      | -         | -             | -                         | -           | -           | -             | CARDIFF.       |
| EDINBURGH.                | 262,733   | 129  | 73   | 15   | 19  | -  | -           | 1        | 1                 | 1           | -                   | 3              | 1                                    | 3                                | 9   | 15         | 17                  | 14.5      | 1.2      | 72.0      | 47.7          | 58.1                      | 14.50       | 0.65        | 1.65          | EDINBURGH.     |
| GLASGOW.                  | 526,088   | 308  | 190  | 53   | 27  | -  | 1           | 1        | 1                 | 4           | -                   | 11             | 7                                    | 9                                | 9   | 13         | 35                  | 18.8      | 2.1      | 68.8      | 40.7          | 58.6                      | 14.78       | 0.59        | 1.50          | GLASGOW.       |
| DUBLIN.                   | 388,082   | 209  | 121  | 18   | 27  | -  | 3           | 1        | 1                 | 6           | 2                   | 4              | 6                                    | 6                                | 6   | 42         | 12                  | 17.9      | 1.5      | 67.3      | 43.1          | 53.7                      | 14.83       | 0.59        | 1.50          | DUBLIN.        |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-FOURTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2491 | 2370 | 2497 | 2393 | 2554 | 2450 | 2660 | 2413 | 2421 | 2521 | 2701.1   | 2401 |
| Males . .           | 1244 | 1177 | 1253 | 1209 | 1306 | 1242 | 1331 | 1226 | 1249 | 1231 | 1335.1   | 1189 |
| Females .           | 1247 | 1193 | 1244 | 1184 | 1248 | 1208 | 1279 | 1187 | 1172 | 1290 | 1336.0   | 1212 |
| <b>TOTAL Deaths</b> | 1433 | 1322 | 1488 | 1342 | 1401 | 1356 | 1579 | 1371 | 1458 | 1490 | 1552.8   | 1433 |
| Males . .           | 737  | 734  | 789  | 696  | 755  | 699  | 825  | 692  | 745  | 781  | 812.7  | 763  |
| Females .           | 696  | 588  | 699  | 646  | 646  | 657  | 754  | 679  | 713  | 709  | 740.1  | 675  |

\* The numbers in this column are the average weekly numbers in the thirty-fourth weeks of the ten years 1878-87 raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | June<br>2. | June<br>9. | June<br>16. | June<br>23. | June<br>30. | July<br>7. | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. |     |
|--|---|--------------|------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-----|
| TOTAL Births                             | - | -            | 2491       | 2430       | 2399        | 2534        | 2289        | 2348       | 2520        | 2385        | 2353        | 2530       | 2228        | 2604        | 2401        |     |
| TOTAL Deaths                             | - | -            | 1323       | 1219       | 1167        | 1190        | 1238        | 1211       | 1288        | 1297        | 1308        | 1309       | 1476        | 1330        | 1438        |     |
| 0-20                                     | - | -            | 581        | 527        | 503         | 536         | 562         | 576        | 628         | 636         | 670         | 726        | 816         | 713         | 838         |     |
| 20-40                                    | - | -            | 178        | 156        | 176         | 149         | 171         | 172        | 160         | 168         | 155         | 181        | 174         | 173         | 133         |     |
| 40-60                                    | - | -            | 266        | 248        | 208         | 226         | 213         | 208        | 229         | 242         | 206         | 205        | 228         | 177         | 202         |     |
| 60-80                                    | - | -            | 255        | 245        | 234         | 242         | 241         | 205        | 230         | 202         | 217         | 195        | 217         | 217         | 221         |     |
| at 80 years & upwds.                     | - | -            | 43         | 43         | 46          | 37          | 51          | 50         | 41          | 49          | 60          | 52         | 41          | 50          | 39          |     |
| Deaths of children                       | { | Under 1 year | -          | 288        | 264         | 251         | 281         | 297        | 302         | 359         | 384         | 385        | 449         | 493         | 444         | 500 |
|  |   | 1-5          | -          | 184        | 176         | 163         | 155         | 178        | 203         | 182         | 177         | 186        | 200         | 233         | 187         | 260 |
|  |   | 5-20         | -          | 109        | 87          | 89          | 100         | 87         | 71          | 87          | 75          | 99         | 77          | 90          | 82          | 78  |
| Deaths from Small-pox                    | - | -            | -          | -          | -           | -           | -           | -          | 1           | 1           | -           | -          | -           | -           | -           |     |
| " " Measles                              | - | -            | 24         | 25         | 21          | 18          | 20          | 23         | 26          | 25          | 40          | 29         | 51          | 33          | 47          |     |
| " " Scarlet fever                        | - | -            | 19         | 23         | 19          | 10          | 19          | 10         | 18          | 14          | 23          | 18         | 17          | 17          | 21          |     |
| " " Diphtheria                           | - | -            | 26         | 22         | 18          | 15          | 28          | 29         | 24          | 15          | 21          | 19         | 25          | 13          | 17          |     |
| " " Whooping-cough                       | - | -            | 37         | 33         | 34          | 33          | 27          | 31         | 32          | 33          | 30          | 25         | 27          | 20          | 28          |     |
| " " Typhus                               | - | -            | -          | -          | -           | -           | -           | -          | -           | -           | -           | -          | -           | 2           | -           |     |
| " " Enteric fever                        | - | -            | 9          | 8          | 8           | 15          | 10          | 7          | 12          | 8           | 15          | 9          | 6           | 2           | 7           |     |
| " " SimpleCont'd fever                   | - | -            | -          | 1          | 1           | -           | -           | 2          | 1           | -           | 1           | -          | 1           | 1           | -           |     |
| " " Diarrhoea and Dysentery              | - | -            | 19         | 18         | 16          | 18          | 36          | 51         | 72          | 62          | 89          | 121        | 133         | 162         | 192         |     |
| " " Cholera                              | - | -            | 1          | -          | -           | -           | 2           | 3          | 3           | 2           | 4           | 4          | 5           | 4           | 7           |     |
| Deaths from the above-mentioned Diseases | - | -            | 135        | 130        | 117         | 109         | 142         | 156        | 189         | 160         | 223         | 225        | 270         | 254         | 319         |     |
| " " Dis. of Respiratory System           | - | -            | 237        | 185        | 213         | 184         | 156         | 176        | 164         | 166         | 160         | 167        | 183         | 167         | 172         |     |
| " " Phthisis                             | - | -            | 157        | 135        | 119         | 133         | 117         | 114        | 114         | 141         | 117         | 123        | 131         | 134         | 108         |     |
| " " Dis. of Circulatory System           | - | -            | 109        | 101        | 89          | 95          | 101         | 96         | 110         | 118         | 92          | 93         | 123         | 85          | 84          |     |
| Violent Deaths                           | - | -            | 73         | 51         | 71          | 63          | 64          | 65         | 56          | 54          | 63          | 49         | 56          | 47          | 47          |     |
| Inquest Cases                            | - | -            | 111        | 90         | 103         | 105         | 111         | 107        | 125         | 104         | 89          | 97         | 100         | 91          | 87          |     |
| Deaths in Public Institutions            | - | -            | 326        | 275        | 312         | 280         | 302         | 285        | 300         | 314         | 305         | 260        | 341         | 296         | 303         |     |
| TEMPERATURE OF THE AIR                   |   |              |            |            |             |             |             |            |             |             |             |            |             |             |             |     |
| Mean                                     | - | -            | 55.8       | 58.9       | 57.1        | 54.2        | 61.9        | 56.4       | 55.8        | 59.4        | 60.3        | 56.9       | 63.9        | 56.4        | 60.0        |     |
| Mean of Highest readings                 | - | -            | 69.1       | 71.0       | 69.5        | 61.8        | 72.3        | 65.3       | 64.7        | 68.6        | 69.9        | 67.5       | 75.2        | 67.1        | 70.2        |     |
| Mean of Lowest readings                  | - | -            | 44.3       | 49.8       | 47.8        | 48.1        | 54.3        | 50.8       | 48.2        | 52.8        | 53.8        | 50.4       | 54.3        | 48.6        | 51.8        |     |
| Humidity of the Air                      | - | -            | 69         | 77         | 72          | 86          | 83          | 87         | 77          | 83          | 81          | 87         | 75          | 77          | 82          |     |
| Rain-fall in inches                      | - | -            | 0.16       | 0.17       | 0.54        | 0.27        | 2.37        | 0.90       | 0.44        | 1.61        | 1.11        | 4.29       | 0.11        | 0.00        | 0.81        |     |
| Registered Sunshine (in hours)           | - | -            | 43.8       | 21.2       | 51.7        | 17.7        | 29.9        | 18.5       | 23.2        | 11.8        | 34.8        | 22.0       | 47.5        | 27.8        | 29.2        |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Gleisher, Esq., F.R.S.; F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., F.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and E. A. Whitelegge, Esq., M.D., Nottingham; J. Barnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McManusborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FOURTH Week of the Year 1888.

| CAUSES OF DEATH. | Corrected Averages for the 34th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 25th August 1888. |           |      |       |                  |                  |                  |                       |       |              | CAUSES OF DEATH.                        | Corrected Averages for the 34th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 25th August 1888. |              |              |              |                  |                  |                  |                       |      |       |      |       |              |              |              |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                  |   | Deaths of Persons of the Ages                  |           |      |       |                  |                  |                  |                       |       |              |   |   | Deaths of Persons of the Ages                  |              |              |              |                  |                  |                  |                       |      |       |      |       |              |              |              |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |   | ALL AGES.                                      | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |       |              |   |   | ALL AGES.                                      | Under 20.    |              |              | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |      |       |      |       |              |              |              |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  | 1-5.                  | 5-20. | 20 and over. |   |   |  | 20 and over. | 20 and over. | 20 and over. |                  |                  |                  | 0-1.                  | 1-5. | 5-20. | 1-5. | 5-20. | 20 and over. | 20 and over. | 20 and over. | 20 and over. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ALL CAUSES -     | 1552.8  | 1493   | 500       | 260  | 78    | 133              | 202              | 221              | 39                    |       |              | Diseases of Organs of Special Sense † - | 2.5   | 2  | -            | 1            | -            | -                | 1                | -                | -                     |      |       |      |       |              |              |              |              |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical man, the case is returned under the heading "no statement."

§ The evidence at inquest is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, TYPHUS, ENTERIC (or Typhoid) Fever, Simple continued Fever, Diarrhoea, Violence, Inquest Cases, Deaths in Public Institutions.

|   |  | The DEATHS registered in the Week include    |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |
|---|--|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----|-----------------------------------|
| REGISTRATION  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |     | Deaths in Public<br>Institutions. |
| SUB-DISTRICTS.  |  |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |     |                                   |
| LONDON - - - -  |  | 3,815,704                                    | 2401                                | 1438                                | 500                             | 260                                 | -           | 47       | 21             | 17          | 23              | -       | 7                              | -                            | 192        | 47        | 87             | 303 |                                   |
| WEST DISTRICTS - - - -                                  |  | 669,633                                      | 380                                 | 272                                 | 92                              | 58                                  | -           | 7        | 3              | 4           | 3               | -       | 1                              | -                            | 39         | 9         | 13             | 70  |                                   |
| NORTH DISTRICTS - - - -                                 |  | 905,947                                      | 533                                 | 292                                 | 86                              | 51                                  | -           | 17       | 3              | 2           | 9               | -       | 3                              | -                            | 29         | 9         | 20             | 51  |                                   |
| CENTRAL DISTRICTS - - - -                               |  | 282,238                                      | 145                                 | 108                                 | 40                              | 11                                  | -           | 3        | 1              | 3           | 2               | -       | -                              | -                            | 18         | 8         | 11             | 33  |                                   |
| EAST DISTRICTS - - - -                                  |  | 692,738                                      | 451                                 | 280                                 | 104                             | 43                                  | -           | 16       | 7              | 2           | 3               | -       | -                              | -                            | 89         | 7         | 21             | 68  |                                   |
| SOUTH DISTRICTS - - - -                                 |  | 1,365,148                                    | 889                                 | 466                                 | 178                             | 92                                  | -           | 4        | 7              | 6           | 11              | -       | 3                              | -                            | 67         | 14        | 22             | 80  |                                   |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION |  | -  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| LONDON - - - -  |  | -  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| WEST DISTRICTS.   |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |
| St. Mary Paddington WHH G.J. & W.M.                     |  | 69893  | 52                                  | 34                                  | 13                              | 9                                   | -           | 2        | -              | 1           | 1               | -       | -                              | -                            | 5          | -         | -              | 6   |                                   |
| St. John Paddington H - - - G.J.                        |  | 37330  | 8                                   | 16                                  | 3                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | 2              | 7   |                                   |
| Kensington Town Ww - - - W.M.                           |  | 120141                                       | 54                                  | 48                                  | 14                              | 17                                  | -           | -        | 1              | 1           | -               | -       | -                              | -                            | 4          | 2         | 2              | 14  |                                   |
| Brompton HH - - - W.M. & C.                             |  | 49010  | 20                                  | 8                                   | 1                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 2   |                                   |
| St. Peter Hammersmith - - - W.M.                        |  | 7599   | 8                                   | 1                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| St. Paul Hammersmith H W.M. & G.J.                      |  | 64340  | 87                                  | 92                                  | 12                              | 4                                   | -           | 3        | -              | -           | -               | 1       | -                              | -                            | 4          | 1         | 2              | 4   |                                   |
| Fulham Ww - - - W.M. & C.                               |  | 42900  | 67                                  | 83                                  | 16                              | 4                                   | -           | 2        | 1              | 2           | -               | -       | -                              | -                            | 6          | 1         | 1              | 7   |                                   |
| Chelsea South HHH - - - C.                              |  | 80396  | 7                                   | 16                                  | 9                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 8          | -         | 1              | -   |                                   |
| Chelsea North-west WHHHHH - C.                          |  | 24925  | 16                                  | 15                                  | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 4          | -         | -              | 8   |                                   |
| Chelsea North-east - - - C.                             |  | 32807  | 12                                  | 6                                   | 3                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -              | -   |                                   |
| May Fair WW - - - G.J.                                  |  | 80353  | 7                                   | 9                                   | -                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 7   |                                   |
| Belgrave WHHH - - - C.                                  |  | 69220  | 23                                  | 15                                  | 5                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -              | 6   |                                   |
| St. John Westminster HHH - - C.                         |  | 35496  | 26                                  | 13                                  | 6                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| St. Margaret Westminster H - - C.                       |  | 24679  | 5                                   | 10                                  | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3              | 8   |                                   |
| St. James Westminster WHH N.R. & G.J.                   |  | 29941  | 16                                  | 14                                  | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | 1              | 1   |                                   |
| St. Anne Soho HHHHHHH - N.R.                            |  | 18698  | 11                                  | 3                                   | 1                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -              | -   |                                   |
| NORTH DISTRICTS.  |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |
| All Souls Marylebone HHHH - W.M.                        |  | 26759  | 15                                  | 12                                  | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 8   |                                   |
| Cavendish Square HHHH - - W.M.                          |  | 14391  | 5                                   | 10                                  | 1                               | 1                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| Rectory Marylebone WH G.J. & W.M.                       |  | 24809  | 9                                   | 5                                   | 1                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 1   |                                   |
| St. Mary Marylebone HHH G.J. & W.M.                     |  | 21118  | 22                                  | 9                                   | 8                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -   |                                   |
| Christchurch Marylebone H - - W.M.                      |  | 33700  | 17                                  | 11                                  | 4                               | 1                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 3          | -         | -              | -   |                                   |
| St. John Marylebone H - - W.M.                          |  | 33633  | 15                                  | 11                                  | 6                               | -                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -              | -   |                                   |
| Hampstead WwHHHH N.R. & W.M.                            |  | 45452  | 29                                  | 14                                  | 5                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 8   |                                   |
| Regent's Park Paneras H - - W.M.                        |  | 39115  | 18                                  | 13                                  | 5                               | -                                   | -           | 3        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -              | -   |                                   |
| Tottenham-court WHHHH N.R. & W.M.                       |  | 27729  | 11                                  | 10                                  | 4                               | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | 2   |                                   |
| Gray's Inn Lane HHH - - - N.R.                          |  | 30247  | 19                                  | 17                                  | 5                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | 5   |                                   |
| Somers Town H - - - N.R.                                |  | 34389  | 20                                  | 12                                  | 2                               | 1                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | 1          | -         | 2              | 3   |                                   |
| Camden Town WH - - - N.R.                               |  | 17311  | 37                                  | 11                                  | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | 3              | 2   |                                   |
| Kentish Town W - - - N.R.                               |  | 67487  | 60                                  | 23                                  | -                               | 5                                   | -           | -        | 1              | 2           | -               | -       | -                              | -                            | 1          | 2         | 3              | 2   |                                   |
| Upper Holloway WwWH - - - N.R.                          |  | 67946  | 40                                  | 23                                  | 7                               | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 3              | 12  |                                   |
| Islington South-west HH - - N.R.                        |  | 100976                                       | 64                                  | 34                                  | 15                              | -                                   | -           | 5        | -              | -           | -               | -       | -                              | -                            | 9          | 1         | 3              | -   |                                   |
| Islington South-east - - - N.R.                         |  | 61885  | 80                                  | 14                                  | 6                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 1              | -   |                                   |
| Highbury H - - - N.R.                                   |  | 52043  | 20                                  | 8                                   | 2                               | 2                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | 1          | 1         | -              | -   |                                   |
| Stoke Newington H - - - N.R.                            |  | 22731  | 11                                  | 2                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| Stamford Hill - - - E.L.                                |  | 2977   | 8                                   | 1                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| West Hackney H - - - N.R.                               |  | 37610  | 19                                  | 5                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| Hackney WwWH - - - E.L. & N.R.                          |  | 76911  | 59                                  | 33                                  | 7                               | 9                                   | -           | 1        | 3              | 1           | -               | -       | -                              | -                            | 4          | -         | -              | 13  |                                   |
| South Hackney - - - E.L.                                |  | 39883  | 25                                  | 14                                  | 3                               | 2                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -              | -   |                                   |
| CENTRAL DISTRICTS.                                      |  |  |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |     |                                   |
| St. George Bloomsbury - - - N.R.                        |  | 16681  | 4                                   | 2                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| St. Giles South WH - - - N.R.                           |  | 14864  | 8                                   | 5                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3   |                                   |
| St. Giles North - - - N.R.                              |  | 13837  | 7                                   | 5                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                   |  | 17508  | 11                                  | 3                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 5   |                                   |
| St. Mary-le-strand H - - - N.R.                         |  | 7315   | 5                                   | 2                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| St. Clement Danes H - - - N.R.                          |  | 3559   | 4                                   | 11                                  | 2                               | -                                   | -           | -        | 1              | 1           | -               | -       | -                              | -                            | 1          | -         | -              | 9   |                                   |
| Strand Union Workhouse, Edmonton w.                     |  | -  | -                                   | 2                                   | -                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 2   |                                   |
| St. Geo-the-Martyr HHHHHH N.R.                          |  | 18671  | 9                                   | 11                                  | 4                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | 5   |                                   |
| St. Andrew Eastern W - - - N.R.                         |  | 10706  | 6                                   | 9                                   | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2              | 2   |                                   |
| Saffron Hill H - - - N.R.                               |  | 6583   | 8                                   | 3                                   | 1                               | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| St. James Clerkenwell - - - N.R.                        |  | 17516  | 8                                   | 5                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -              | -   |                                   |
| Amwell Clerkenwell - - - N.R.                           |  | 19281  | 5                                   | 8                                   | 6                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 4          | -         | 1              | -   |                                   |
| Pentonville - - - N.R.                                  |  | 14773  | 8                                   | 7                                   | 4                               | -                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 4          | -         | -              | -   |                                   |
| Goodwell-street - - - N.R.                              |  | 17506  | 15                                  | 3                                   | 3                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| Old-street H - - - N.R.                                 |  | 11541  | 6                                   | 3                                   | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| City-road HHL - - - N.R.                                |  | 13623  | 24                                  | 4                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| Whitecross-street - - - N.R.                            |  | 9217   | 8                                   | 2                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | 1         | 1              | -   |                                   |
| Finsbury - - - N.R.                                     |  | 7463   | 2                                   | 2                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -   |                                   |
| Holborn Union Workhouse, Mitcham, w.                    |  | -  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| St. Botolph H - - - N.R. & E.L.                         |  | 11174  | 6                                   | 3                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -   |                                   |
| Cripplegate - - - N.R.                                  |  | 7193   | 1                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| St. Sepulchre H - - - N.R.                              |  | 5583   | -                                   | 11                                  | -                               | -                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | 1         | 2              | 8   |                                   |
| St. Bride W - - - N.R.                                  |  | 8396   | 2                                   | 1                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 10  |                                   |
| Allhallows Barking - - - N.R.                           |  | 13666  | 2                                   | 2                                   | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -   |                                   |
| Broad Street H - - - N.R.                               |  | 3652   | 1                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -   |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifying Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N.R. New River; E.L. East London and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
urday, the 25th August, 1888.

| REGISTRATION                   |        |             |       | The DEATHS registered in the Week include         |                                   |                                  |                                 |                                     |            |          |                |             |                 |         |                                   |                                  |            |           |                |                                   |                                 |  |  |
|--------------------------------|--------|-------------|-------|---|-----------------------------------|----------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|----------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|--|--|
| SUB-DISTRICTS.                 |        |             |       | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total Burials during the<br>Week. | Total DEATHS during the<br>Week. | Deaths from                     |                                     |            |          |                |             |                 |         |                                   |                                  |            |           |                |                                   |                                 |  |  |
|                                |        |             |       |   |                                   |                                  | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Septicæmia con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |  |  |
| EAST DISTRICTS.                |        |             |       |   |                                   |                                  |                                 |                                     |            |          |                |             |                 |         |                                   |                                  |            |           |                |                                   |                                 |  |  |
| Lywell Shoreditch              | -      | N.R. & E.L. | 7376  | 3   | 3                                 | -                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| Leonard Shoreditch             | HL*    | -           | 14967 | 10  | 1                                 | 1                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James New Town             | w      | -           | 29937 | 14  | 12                                | 8                                | 5                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | 4                                 |                                 |  |  |
| St. James Old Town             | -      | -           | 28036 | 16  | 7                                 | 3                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Garrison            | WH     | -           | 46275 | 34  | 21                                | 8                                | 5                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 7              | -                                 |                                 |  |  |
| St. James' Road                | H-     | -           | 29738 | 27  | 11                                | 3                                | -                               | -                                   | -          | 2        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | WHL*   | -           | 47932 | 33  | 26                                | 5                                | 9                               | -                                   | 2          | 2        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 59981 | 15  | 5                                 | 1                                | 2                               | -                                   | 1          | 1        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 12             | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 19310 | 13  | 6                                 | 2                                | -                               | -                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 22655 | 11  | 6                                 | 4                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 15473 | 15  | 7                                 | 2                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | 6                                 |                                 |  |  |
| St. James' Green               | -      | -           | 17490 | 12  | 21                                | 4                                | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 4              | 14                                |                                 |  |  |
| St. James' Green               | -      | -           | 9713  | 3   | 3                                 | 1                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 6102  | 4   | 1                                 | 1                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 38747 | 36  | 13                                | 7                                | 1                               | -                                   | 2          | -        | -              | -           | -               | -       | -                                 | -                                | 1          | 1         | 5              | 1                                 |                                 |  |  |
| St. James' Green               | -      | -           | 8410  | 4   | 6                                 | 1                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | 1         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 16995 | 10  | 6                                 | 5                                | -                               | -                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                                | -          | 1         | 3              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 16107 | 9   | 10                                | 3                                | 1                               | -                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 35041 | 16  | 20                                | 8                                | 2                               | -                                   | 1          | 1        | -              | -           | -               | -       | -                                 | -                                | -          | 1         | -              | 1                                 |                                 |  |  |
| St. James' Green               | -      | -           | 37960 | 30  | 11                                | 7                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 67653 | 48  | 18                                | 6                                | 6                               | -                                   | 4          | 1        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 8              | 1                                 |                                 |  |  |
| St. James' Green               | -      | -           | 37074 | 22  | 16                                | 12                               | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 64559 | 53  | 24                                | 9                                | 1                               | -                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 6              | 7                                 |                                 |  |  |
| St. James' Green               | -      | -           | 63677 | 17  | 14                                | 6                                | 4                               | -                                   | 3          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 2              | -                                 |                                 |  |  |
| SOUTH DISTRICTS.               |        |             |       |   |                                   |                                  |                                 |                                     |            |          |                |             |                 |         |                                   |                                  |            |           |                |                                   |                                 |  |  |
| St. James' Green               | WH     | L. & S.     | 12663 | 2   | 4                                 | 2                                | -                               | -                                   | 1          | -        | -              | 1           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 14999 | 7   | 4                                 | 2                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 21581 | 15  | 6                                 | 4                                | -                               | -                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | WH     | -           | 16933 | 11  | 10                                | 1                                | 1                               | -                                   | -          | -        | 1              | 1           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | HL     | -           | 21318 | 11  | 3                                 | 1                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 26672 | 24  | 8                                 | 6                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | W      | -           | 35041 | 14  | 9                                 | 2                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 2              | 1                                 |                                 |  |  |
| St. James' Green               | -      | -           | 31623 | 18  | 4                                 | 1                                | -                               | -                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 11956 | 7   | 10                                | 1                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 8              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 16300 | 11  | 8                                 | 5                                | -                               | -                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | W      | -           | 13669 | 29  | 23                                | 13                               | 2                               | -                                   | -          | 1        | -              | -           | -               | 1       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 54685 | 29  | 20                                | 6                                | 7                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 2              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 56024 | 29  | 20                                | 6                                | 7                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 35195 | 7   | 5                                 | 2                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 2              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 16551 | 12  | 10                                | 6                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 12876 | 11  | 21                                | 7                                | 2                               | -                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 4              | 2                                 |                                 |  |  |
| St. James' Green               | WW     | -           | 38639 | 33  | 30                                | 14                               | 3                               | -                                   | -          | -        | 1              | 1           | -               | -       | -                                 | -                                | -          | -         | 6              | 11                                |                                 |  |  |
| St. James' Green               | -      | -           | 45339 | 23  | 11                                | 2                                | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 5332  | 27  | 12                                | 5                                | -                               | -                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 62837 | 35  | 16                                | 4                                | 6                               | -                                   | -          | 1        | 1              | -           | -               | -       | -                                 | -                                | -          | -         | 2              | -                                 |                                 |  |  |
| St. James' Green               | W      | -           | 19017 | 13  | 5                                 | 2                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 54675 | 64  | 18                                | 6                                | 3                               | -                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | WH     | -           | 42587 | 47  | 23                                | 6                                | 10                              | -                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 4              | 1                                 |                                 |  |  |
| St. James' Green               | -      | -           | 36549 | 11  | 14                                | 7                                | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 2              | -                                 |                                 |  |  |
| St. James' Green               | WHL    | -           | 28094 | 21  | 11                                | 4                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | 3                                 |                                 |  |  |
| St. James' Green               | -      | -           | 13235 | 7   | 6                                 | 3                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | 1                                 |                                 |  |  |
| St. James' Green               | -      | -           | 25558 | 27  | 10                                | 2                                | 7                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 5590  | 5   | -                                 | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | WwL*Lv | -           | 29104 | 48  | 29                                | 5                                | 7                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 2              | -                                 |                                 |  |  |
| St. James' Green               | W      | -           | 71089 | 26  | 19                                | 8                                | 3                               | -                                   | -          | -        | 1              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 50510 | 40  | 19                                | 11                               | 3                               | -                                   | 1          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 76752 | 61  | 24                                | 11                               | -                               | -                                   | -          | 3        | -              | 2           | -               | 1       | -                                 | -                                | -          | -         | 9              | 4                                 |                                 |  |  |
| St. James' Green               | -      | -           | 7501  | 2   | 3                                 | 3                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 21972 | 11  | 5                                 | 4                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | WHH    | -           | 24608 | 16  | 17                                | 4                                | 3                               | -                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 7048  | 5   | -                                 | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 21529 | 10  | 6                                 | 1                                | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | WH     | -           | 19865 | 11  | 5                                 | 2                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | -                                 |                                 |  |  |
| St. James' Green               | H      | -           | 26076 | 16  | 6                                 | -                                | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 36930 | 5   | 3                                 | 1                                | -                               | -                                   | -          | -        | -              | -           | -               | 1       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 17617 | 4   | 10                                | 6                                | 1                               | -                                   | -          | -        | 1              | -           | -               | -       | -                                 | -                                | -          | -         | -              | 1                                 |                                 |  |  |
| St. James' Green               | HH     | -           | 19448 | 9   | 3                                 | 1                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | -      | -           | 14069 | 9   | 1                                 | 1                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | W      | -           | 19241 | 18  | 10                                | 3                                | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                                | -          | -         | 1              | 2                                 |                                 |  |  |
| Metropolitan Asylum Hospitals: |        |             |       |   |                                   |                                  |                                 |                                     |            |          |                |             |                 |         |                                   |                                  |            |           |                |                                   |                                 |  |  |
| St. James' Green               | w      | -           | -     | -   | -                                 | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | w      | -           | -     | -   | -                                 | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |
| St. James' Green               | w      | -           | -     | -   | -                                 | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                                | -          | -         | -              | -                                 |                                 |  |  |

The following WORKSHEP ESTABLISHMENTS receive inmates from other districts than the one in which they stand, and are indicated in the above table by :-

|  |  |
|--|--|
| <p> Marybone Infirmary in Kensington Town sub-district.<br/> Cecil Lodge, in Tottenham sub-district.<br/> Holborn Infirmary in Upper Holloway sub-district.<br/> London City Workhouse .. Hackney sub-district.<br/> Holborn .. Hoxton New Town sub-district.<br/> Whitechapel .. Mile End Old Town Eastern sub-dist.<br/> London City .. Mile End Old Town Eastern sub-dist.<br/> and Bromley sub-districts. </p> | <p> Stepney Workhouse in Bromley sub-district.<br/> Poplar &amp; Stepney Sick Asylum .. " "<br/> Westminster (Non Industrial) School in West Battersea sub-district.<br/> Strand and Holborn Workhouses outside Registration London.<br/> Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London. </p> |
|--|--|

\* Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 25th August, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |              |           |                |                                   |                             |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|--------------|-----------|----------------|-----------------------------------|-----------------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |              |           | Inquest Cases. | Deaths in Public<br>Institutions. | Unscitified Causes<br>Rest. |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarthrosis. | Violence. |                |                                   |                             |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 766     | 383     | 142                                       | 69                                  | -           | 13       | 3              | 8           | 2               | 1      | 58           | 12        | 23             | 25                                |                             |
| 80: 1   | Carshalton <i>wL</i> -         | 12288  | 21118   | 13      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 2   | Epsom (part of)* <i>WwH</i>    | 9971   | 10710   | 7       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 37: 1   | Godstone (part of) * -         | 2754   | 1235  | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 38: 1   | Croydon <i>WwHHL</i> -         | 20351  | 101241  | 53      | 23      | 4   | 4                                   | -           | 3        | -              | -           | -               | -      | 1            | -         | -              | 7                                 | -                           |
| 2   | Mitcham <i>w†</i> -            | 11697  | 17932   | 18      | 2       | -   | 1                                   | -           | -        | -              | 1           | -               | -      | 1            | -         | -              | -                                 | -                           |
| 39: 1   | Wimbledon <i>HHH</i> -         | 3220   | 15950   | 19      | 9       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 2   | Kingston <i>WHH</i> -          | 8549   | 36354   | 17      | 17      | 5   | 5                                   | -           | -        | -              | -           | -               | -      | 2            | -         | -              | 4                                 | 1                           |
| 3   | Esher (part of) * -            | 6501   | 9221  | 4       | 4       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | 1            | -         | 1              | -                                 | -                           |
| 4   | Hampton <i>H</i> -             | 4573   | 18539   | 19      | 8       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -            | 4         | 4              | -                                 | -                           |
| 40: 1   | Richmond <i>WH</i> -           | 2272   | 21302   | 9       | 8       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | 3            | -         | -              | -                                 | -                           |
| 2   | Mortlake -                     | 2941   | 12331   | 9       | 4       | 3   | -                                   | -           | -        | -              | -           | -               | -      | 1            | 1         | 1              | -                                 | -                           |
| 41: 1   | Bromley (pt. of) * <i>HH</i>   | 15549  | 81142   | 32      | 5       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | 1            | -         | -              | -                                 | -                           |
| 2   | Chislehurst(pt.of)* <i>WHH</i> | 14307  | 15844   | 13      | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | 1            | -         | -              | 1                                 | -                           |
| 42: 1   | Rexley <i>H</i> -              | 18437  | 24134   | 23      | 12      | 4   | 3                                   | -           | -        | -              | -           | -               | 1      | -            | 2         | 2              | -                                 | -                           |
| 2   | Dartford (Ww, pts. of)*        | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 124: 1  | Sunbury <i>w</i> -             | 11055  | 11685   | 7       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 2   | Staines <i>W</i> -             | 13277  | 12089   | 14      | 5       | 3   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 125: 1  | Hillingdon <i>WHH</i> -        | 6029   | 10802   | 6       | 7       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -            | -         | 7              | 1                                 | -                           |
| 2   | Uxbridge -                     | 6178   | 3225  | 1       | 1       | -   | -                                   | -           | -        | -              | 1           | -               | -      | -            | -         | -              | -                                 | -                           |
| 3   | Hayes <i>wHL</i> -             | 14537  | 11523   | 7       | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | 1            | 1         | 1              | 2                                 | -                           |
| 126: 1  | Isleworth <i>WHH</i> -         | 7008   | 22727   | 13      | 9       | 3   | 3                                   | -           | -        | -              | -           | 1               | -      | -            | -         | 1              | 1                                 | -                           |
| 2   | Twickenham <i>H</i> -          | 2477   | 12479   | 7       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 3   | Brentford <i>HL</i> -          | 4945   | 27649   | 9       | 10      | 3   | 2                                   | -           | -        | -              | -           | -               | -      | 1            | -         | 2              | -                                 | -                           |
| 4   | Chiswick -                     | 1340   | 15975   | 14      | 8       | 3   | 3                                   | -           | 1        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 5   | Acton <i>wH</i> -              | 6083   | 22876   | 8       | 7       | 2   | 2                                   | -           | 1        | -              | -           | -               | -      | 1            | 1         | 1              | -                                 | -                           |
| 127: 1  | Harrow <i>H</i> -              | 13809  | 12796   | 7       | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -            | -         | 2              | 1                                 | -                           |
| 2   | Edgware <i>H</i> -             | 6994   | 3749  | 3       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 3   | Willesden -                    | 4383   | 27463   | 31      | 22      | 10  | 1                                   | -           | 3        | -              | -           | -               | -      | 4            | -         | -              | -                                 | -                           |
| 4   | Hendon <i>W</i> -              | 8382   | 10484   | 14      | 6       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | 1                                 | -                           |
| 128: 1  | South Mimms -                  | 15599  | 6391  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 2   | Barnet -                       | 5433   | 10092   | 6       | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -            | -         | 1              | -                                 | -                           |
| 3   | Finsley <i>HL</i> -            | 4688   | 17615   | 7       | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | 1            | -         | 1              | -                                 | -                           |
| 129: 1  | Hornsey <i>H</i> -             | 3039   | 37078   | 33      | 10      | 4   | 1                                   | -           | -        | 1              | -           | -               | -      | 1            | 1         | 1              | -                                 | -                           |
| 2   | Tottenham <i>H</i> -           | 4642   | 46456   | 62      | 36      | 26  | 4                                   | -           | 3        | -              | -           | -               | -      | 15           | 1         | 2              | 2                                 | 1                           |
| 3   | Edmonton <i>Ww†</i> -          | 7483   | 23463   | 21      | 16      | 2   | 2                                   | -           | -        | 1              | 2           | -               | -      | -            | -         | -              | 2                                 | -                           |
| 4   | Enfield <i>WH</i> -            | 12653  | 19104   | 16      | 10      | 6   | -                                   | -           | -        | -              | -           | -               | -      | 6            | -         | 1              | -                                 | -                           |
| 5   | Waltham Abbey -                | 11017  | 5968  | 5       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 6   | Cheshunt -                     | 8490   | 7735  | -       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -            | 1         | 1              | -                                 | -                           |
| 135: 1  | Hatfield (part of) *           | 3806   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 137: 1  | Bushey -                       | 9331   | 6621  | 1       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 2   | Watford (W, pt. of)*           | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 136: 1  | Stratford -                    | 882  | 38606   | 38      | 14      | 4   | -                                   | -           | 1        | -              | -           | -               | -      | 4            | -         | -              | -                                 | 1                           |
| 2   | West Ham <i>wwwvHS</i> -       | 7351   | 101053  | 115     | 50      | 25  | 3                                   | -           | 1        | 1              | 1           | -               | -      | 9            | -         | 1              | -                                 | -                           |
| 3   | Leyton <i>WwL</i> -            | 4372   | 32430   | 49      | 17      | 7   | 7                                   | -           | -        | -              | -           | -               | -      | 3            | -         | -              | 3                                 | -                           |
| 4   | Walthamstow <i>H</i> -         | 6520   | 28889   | 26      | 14      | 5   | 3                                   | -           | -        | -              | 2           | 1               | -      | -            | -         | -              | -                                 | -                           |
| 137: 1  | Chigwell (part of) * <i>H</i>  | 11761  | 9663  | 7       | 3       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | 1                           |
| 2   | Epping (W, pt. of)*            | -  | -   | 4       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 139: 1  | Romford (part of) * <i>W</i>   | 6730   | 3411  | 4       | 3       | 1   | -                                   | -           | -        | -              | 1           | -               | -      | -            | -         | -              | -                                 | -                           |
| 2   | Ilford -                       | 5493   | 7645  | 4       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -            | -         | -              | -                                 | -                           |
| 3   | Barking Town -                 | 4127   | 9203  | -       | 4       | 2   | -                                   | -           | -        | -              | -           | -               | -      | 1            | -         | -              | -                                 | -                           |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 30: 2, Epsom sub-district, except the parishes of Anstead and Headley (pop. 1265); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1938); 41: 1, Bromley sub-district, except the parishes of Cadogan and Knockholt (pop. 181); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district; 137: 1, Chislewell sub-district, except the parish of Thornton Bois (pop. 451); 140: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 25th August, 1888.**

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16  |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 17.2  | 3.8                                   | 1821                             | 642                                       | 329  | -           | 60       | 24                | 25          | 30                  | 8      | 250       | 59        | 328 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 17.5  | 3.8                                   | 1438                             | 500                                       | 260  | -           | 47       | 21                | 17          | 28                  | 7      | 192       | 47        | 303 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 16.1  | 3.6                                   | 383                              | 142                                       | 69   | -           | 13       | 3                 | 8           | 2                   | 1      | 58        | 12        | 25  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 700.522 square miles, which is equivalent to the area of a circle having a radius of 14.935 miles.

**TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,334,706 Persons.**

| CITIES.                           | POPULATION (enumerated or estimated). | DATE OF RETURN. | Week ending | BIRTHS.                 | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES                       |
|-----------------------------------|---------------------------------------|-----------------|-------------|-------------------------|---------|------------------------------------|---|
|                                   |                                       |                 |             | Exclusive of Stillborn. |         |                                    |   |
| CALCUTTA -                        | 433,219                               | July            | 14          | -                       | 143     | 17.2                               | Cholera 11; fevers 42.                              |
| BOMBAY -                          | 773,196                               | "               | 31          | 324                     | 441     | 25.4                               | Small-pox 3; cholera 11; fevers 110.                |
| MADRAS -                          | 398,777                               | "               | 6           | 298                     | 207     | 27.1                               | Fevers 48.  |
| PARIS -                           | 3,260,945                             | August          | 18          | 1198                    | 869     | 20.0                               | Typhd. fev. 8; meas. 24; diph. and croup 24.        |
| BRUSSELS -<br>(with 8 Faubourgs.) | 462,069                               | "               | 18          | 256                     | 198     | 22.3                               | Measles 10; diarrhoeal diseases 29.                 |
| AMSTERDAM -                       | 390,016                               | "               | 18          | 302                     | 120     | 15.9                               | Typhd. fev. 3; scar. fev. 2.                        |
| ROTTERDAM -                       | 193,658                               | "               | 18          | 141                     | 55      | 14.7                               | Whooping-cough 2.                                   |
| THE HAGUE -                       | 149,477                               | "               | 18          | 105                     | 39      | 13.6                               | -   |
| COPENHAGEN                        | 300,000                               | "               | 14          | 190                     | 108     | 18.8                               | Diphtheria and croup 6; scarlet fever 3.            |
| STOCKHOLM                         | 221,549                               | "               | 11          | 137                     | 87      | 20.4                               | Scar. fev. 3; diar. dis. 23.                        |
| CHRISTIANIA -                     | 135,600                               | "               | 18          | 80                      | 37      | 14.2                               | Diphtheria and croup 5.                             |
| ST. PETERSBURG                    | 928,016                               | "               | 11          | -                       | 518     | 29.1                               | Measles 33; diarrhoeal diseases 180.                |
| BERLIN -                          | 1,438,006                             | August          | 4           | 867                     | 626     | 22.7                               | Measles 16; diphtheria 15; diarrhoeal diseases 171. |
| HAMBURG (State)                   | 550,694                               | "               | 11          | 335                     | 237     | 22.5                               | Diarr. dis. 32; meas. 14.                           |
| DRESDEN -                         | 259,142                               | "               | 11          | 166                     | 102     | 20.5                               | Measles 3; diph. and croup 3.                       |
| BRISLAU -                         | 313,451                               | "               | 18          | 224                     | 171     | 23.9                               | Diphtheria 5; diarrhoeal diseases 32.               |
| MUNICH -                          | 275,000                               | "               | 11          | 163                     | 187     | 35.4                               | Diphtheria and croup 7; diarrhoeal diseases 54.     |
| VIENNA -                          | 800,836                               | "               | 11          | 545                     | 338     | 21.9                               | Sm.-pox 1; diphtheria 5.                            |
| PRAGUE -                          | 295,857                               | "               | 11          | -                       | 168     | 29.6                               | Small-pox 9; measles 10.                            |
| BUDA-PESTH -                      | 442,787                               | "               | 11          | 299                     | 247     | 29.0                               | Small-pox 1; diar. dis. 79.                         |
| TRIESTE -                         | 156,042                               | "               | 11          | -                       | 86      | 28.8                               | Small-pox 2; diar. dis. 22.                         |
| ROME -                            | 388,300                               | July            | 7           | 211                     | 211     | 28.4                               | Typhd. fev. 6; diarrhoeal diseases 38.              |
| TURIN (11 days)                   | 294,826                               | "               | 31          | 293                     | 204     | 23.0                               | Typhd. fev. 2; diar. dis. 34.                       |
| VENICE -                          | 150,502                               | August          | 11          | 83                      | 48      | 16.6                               | Typhoid fever 3.                                    |
| CAIRO -                           | 374,838                               | "               | 2           | 290                     | 497     | 69.2                               | Typhus & typhd. fev. 19; diarrhoeal diseases 229.   |
| ALEXANDRIA -                      | 231,396                               | "               | 2           | 142                     | 210     | 47.4                               | Diarrhoeal diseases 66.                             |
| NEW YORK -                        | 1,493,000                             | "               | 4           | -                       | 814     | 28.5                               | Scar. fev. 22; diph. 27; diarrhoeal diseases 201.   |
| BROOKLYN -                        | 774,870                               | "               | 4           | -                       | 409     | 28.9                               | Diph. 13; diar. dis. 107.                           |
| PHILADELPHIA -                    | 1,016,758                             | "               | 4           | -                       | 471     | 24.2                               | Typhd. fv. 35; diar. dis. 82.                       |
| BALTIMORE -                       | 431,879                               | "               | 4           | -                       | 235     | 23.4                               | Typhd. fv. 7; diar. dis. 51.                        |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 25TH AUGUST, 1888.  
[Under the Superintendence of the Astronomer Royal.]

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The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 8h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are eye-converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature, and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glashier's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation, London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer deduced from 30.10 in. at the beginning of the week to 29.46 in. by 9h. A.M. on the 21st; increased to 29.79 in. by 9h. P.M. on the 22nd; increased to 29.70 in. by 9h. A.M. on the 23rd; and increased to 29.70 in. by the end of the week.

Fine and partially cloudy till evening; generally cloudy at night.

Overcast. Rain fell at night.

Generally cloudy. Showery. Fine in afternoon.

Fine generally. Thunder at noon. Heavy showers of brief duration shortly after noon and in P.M. At night cloudless and very fine.

Cloudy and showery till afternoon; fine afterwards.

Fine with variable amounts of cloud in morning; generally overcast afterwards. Heavy rain in evening, with thunder.

Fine; generally cloudy in morning; afterwards small amounts of cloud prevailed.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,*

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No. 35. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, SEPTEMBER 1. [Price 1½d.

General Register Office, Somerset House,  
3rd September, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·5 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.             | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|--------------------|--------------|-------------|-------------|-------------|
|              | Aug.<br>11.  | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. |                    | Aug.<br>11.  | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. |
| Birkenhead   | 19·3         | 13·0        | 13·6        | 19·3        | Liverpool -        | 19·0         | 18·1        | 22·6        | 19·7        |
| Birmingham   | 16·4         | 13·0        | 13·4        | 17·1        | London -           | 18·0         | 16·2        | 17·5        | 16·4        |
| Blackburn -  | 15·8         | 14·9        | 18·0        | 14·9        | Manchester -       | 23·0         | 22·8        | 23·5        | 24·1        |
| Bolton       | 14·3         | 12·9        | 19·3        | 21·6        | Newcastle-on-Tyne* | 19·4         | 17·1        | 17·1        | 22·3        |
| Bradford*    | 17·7         | 14·5        | 16·4        | 15·2        | Norwich -          | 13·9         | 17·3        | 19·5        | 21·7        |
| Brighton -   | 14·3         | 16·1        | 13·0        | 17·0        | Nottingham*        | 16·3         | 12·9        | 15·4        | 12·0        |
| Bristol -    | 13·4         | 13·4        | 11·5        | 11·5        | Oldham -           | 14·7         | 14·7        | 13·6        | 16·2        |
| Cardiff*     | 18·7         | 19·7        | 17·8        | 15·4        | Plymouth -         | 23·5         | 20·1        | 17·5        | 10·1        |
| Derby -      | 9·2          | 20·6        | 13·0        | 15·2        | Portsmouth -       | 12·0         | 13·5        | 17·9        | 20·6        |
| Halifax -    | 18·2         | 15·0        | 23·4        | 18·2        | Preston -          | 18·7         | 14·7        | 31·8        | 22·7        |
| Huddersfield | 11·4         | 13·7        | 14·3        | 17·1        | Salford*           | 18·9         | 18·0        | 20·3        | 16·6        |
| Hull -       | 12·6         | 14·2        | 15·7        | 16·5        | Sheffield -        | 20·9         | 20·6        | 17·0        | 18·3        |
| Leeds -      | 19·9         | 19·0        | 24·1        | 25·3        | Sunderland -       | 13·1         | 13·4        | 13·1        | 20·6        |
| Leicester*   | 16·0         | 16·0        | 27·4        | 21·0        | Wolverhampton -    | 15·3         | 16·6        | 28·7        | 14·7        |

The highest annual death-rates, measured by last week's mortality, were:—from *whooping-cough*, 1·1 in Norwich and 1·3 in Halifax; from "*fever*," 1·0 in Birkenhead and 1·2 in Sunderland; and from *diarrhœa*, 3·0 in Brighton, 3·1 in Sheffield, 3·7 in Salford, 4·6 in Leicester, 5·1 in Preston, and 6·2 in Leeds. The death-rates from *measles* and *scarlet fever* did not reach 1·0 per 1000 in any of the twenty-eight towns. The 35 deaths from *diphtheria* in these towns included 23 in London, 3 in Manchester, 2 in Portsmouth, and 2 in Newcastle-upon-Tyne. *Small-pox* caused 2 deaths in Preston, but not one in London or in any of the twenty-six other great towns.

### LONDON.

In LONDON† 2508 BIRTHS and 1342 DEATHS were registered. Allowing for increase of population, the births were 135, and the deaths 143, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 18·0, 16·2, and 17·5 in the three preceding weeks, declined again last week to 16·4. During the first nine weeks of the current quarter the death-rate averaged 16·2 per 1000, and was 4·4 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1342 deaths included 39 from measles, 15 from scarlet fever, 23 from diphtheria, 24 from whooping-cough, 10 from enteric fever, one from an undefined

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



form of continued fever, 144 from diarrhœa and dysentery, 2 from cholera and choleraic diarrhœa, and not one from small-pox or typhus; thus, 258 deaths were referred to these diseases, being 58 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 7; only 2 small-pox patients were under treatment in the Metropolitan Asylum Hospitals, and one in the Highgate Small-pox Hospital, on Saturday last. The fatal cases of *measles*, which had been 51, 33, and 47 in the three preceding weeks, declined again last week to 39, but exceeded the corrected average by 5; 5 belonged to Pancras and 5 to Poplar sanitary areas. The 15 deaths from *scarlet fever* showed a decline of 6 from the number in the previous week, and were 23 below the corrected average; 3 belonged to St. Luke, 3 to Bethnal Green, and 2 to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 793 scarlet fever patients, against 774 and 783 in the two preceding weeks; 93 cases were admitted during the week, against 66 and 83 in the two previous weeks. The fatal cases of *diphtheria*, which had been 13 and 17 in the two preceding weeks, further rose last week to 23, and exceeded the corrected average by 7; 3 (admitted to the workhouse from Wheatstone Road) belonged to Kensington, 2 to Clerkenwell, 2 (in Eastfield Street) to Stepney, 2 to Mile End Old Town, and 2 to Wandsworth sanitary areas. One of the two fatal cases of *diphtheria* belonging to Clerkenwell was admitted to Bartholomew's Hospital from 16, Myddleton Place, making the third death from this disease in one family. The 24 deaths from *whooping-cough* were fewer by 4 than the number in the previous week, and were 10 below the corrected average; 3 belonged to Paddington, 3 to St. George Southwark, and 3 to Lambeth sanitary area. The deaths attributed to *diarrhœa* and *dysentery*, which had increased in the six preceding weeks from 62 to 192, declined last week to 144, and were 18 below the corrected average; 136 were of children under five years of age, including 112 of infants under one year of age. The 2 deaths referred to *cholera* included one of an infant aged 7 months from *cholera infantum*, and one of a child aged 9 years from *choleraic diarrhœa*.

The deaths referred to *enteric fever*, which had been but 2 and 7 in the two preceding weeks, further rose last week to 10, but were 6 below the corrected average; 2 belonged to Islington sanitary area. The Metropolitan Asylum Hospitals contained 73 cases of enteric fever, but not one of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week, against 7 and 10 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 167 and 172 in the two preceding weeks, declined last week to 130, and were 45 below the corrected average.

Different forms of violence caused 53 deaths; 48 were the result of negligence or accident, among which were 29 from fractures and contusions, 2 from burns and scalds, 8 from drowning, and 4 of infants under one year of age from suffocation. The 29 deaths from fractures and contusions were thus caused:—9 by accidents from vehicles or horses in streets; 4 by accidents on railways; 2 by fall from window; 2 by fall down stairs; 1 by fall from loft; 1 by fall in street; 1 by fall from bed; 1 by fall from bench; 1 by fall, the nature of which was not stated; 1 by being crushed between two stones; 3 by blow from heavy substance; and 3 by fracture, the cause of which was not stated. An inquest was held in each case except in one of the last-mentioned cases of fracture. Four cases of suicide were registered, the corrected average being 7.

#### GREATER LONDON.

In Greater London 3241 births and 1644 deaths were registered, corresponding to annual rates of 30·6 and 15·5 per 1000 of the estimated population. In the Outer Ring 40 deaths from diarrhœa, 7 from whooping-cough, and 5 from scarlet fever were registered. Of the deaths referred to diarrhœa, 8 occurred in Tottenham, 3 in Chiswick, 3 in Willesden, 3 in Stratford, 3 in West Ham, and 3 in Leyton sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·84 ins.; the lowest reading was 29·32 ins. on Tuesday evening, and the highest was 30·15 ins. on Saturday morning. The mean temperature of the *air* was 56°·6, and 4°·0 below the average in the corresponding weeks of the 29 years ending 1868. The mean was below the average on each day of the week, the coldest days being Thursday, Friday, and Saturday. The general direction of the *wind* was South-westerly, and the horizontal movement of the air averaged 12·9 miles per hour, which was 2·7 miles above the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 1·22 inches. The duration of registered bright sunshine in the week was 32·2 hours, against 38·7 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>at the<br>middle of<br>1888. |      | Registered during<br>the Week ending<br>1st Sept., 1888. |                                    | The Deaths registered in the Week include |             |          |                   |             |                     |                |            |           |                                      | TEMPERATURE OF THE AIR.          |  |                                    |               |              | RAINFALL.        |               | CITIES<br>AND<br>BOROUGH. |                         |             |      |                |            |
|---------------------------|---|------|--|------------------------------------|---|-------------|----------|-------------------|-------------|---------------------|----------------|------------|-----------|--------------------------------------|----------------------------------|--|------------------------------------|---------------|--------------|------------------|---------------|---------------------------|-------------------------|-------------|------|----------------|------------|
|                           | 1.  | 2.   | 3.   | Deaths of                          |   | Deaths from |          |                   |             |                     | Inquest Cases. |            |           |                                      |                                  | corresponding<br>per 1000,<br>to the<br>Week's Deaths<br>(Causes.) |                                    |               | Mean.        |                  | In<br>Inches. |                           | In<br>Centi-<br>metres. |             |      |                |            |
|                           |   |      |  | Infants under<br>1 Year of<br>Age. | Persons aged<br>60 Years<br>and upwards.  | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever.         | Diarrhoea. | Violence. | Deaths in<br>Public<br>Institutions. | Unidentified<br>Causes of Death. | From All<br>Causes.  | From<br>Diseases in<br>Cols. 6-12. | High-<br>est. | Low-<br>est. | Fahren-<br>heit. |               |                           |                         | Centigrade. |      |                |            |
| Cols.                     | Cols.   | 1.   | 2.   | 3.                                 | 4.  | 5.          | 6.       | 7.                | 8.          | 9.                  | 10.            | 11.        | 12.       | 13.                                  | 14.                              | 15.  | 16.                                | 17.           | 18.          | 19.              | 20.           | 21.                       | 22.                     | 23.         | 24.  | Cols.          |            |
| 28 TOWNS* -               | 9,398,273   | 5484 | 3153   | 1047                               | 570                                       | 2           | 53       | 22                | 35          | 52                  | 39             | 379        | 115       | 184                                  | 527                              | 47   | 17.5                               | 3.2           | 71.8         | 40.0             | 54.6          | 12.56                     | 1.24                    | 3.15        | -    | - 28 TOWNS.    |            |
| LONDON* -                 | 4,282,921   | 2508 | 1342   | 441                                | 245                                       | -           | 39       | 15                | 23          | 24                  | 11             | 144        | 53        | 88                                   | 252                              | 9  | 16.4                               | 3.1           | 70.8         | 41.5             | 56.6          | 13.67                     | 1.22                    | 3.10        | -    | LONDON.        |            |
| BRIGHTON -                | 119,983   | 50   | 39   | 14                                 | 7   | -           | -        | -                 | -           | -                   | -              | 7          | 1         | 1                                    | 7                                | -  | 17.0                               | 3.9           | 65.0         | 45.1             | 56.0          | 13.33                     | 0.85                    | 2.16        | -    | BRIGHTON.      |            |
| PORTSMOUTH -              | 139,575   | 90   | 55   | 19                                 | 16  | -           | -        | -                 | 2           | -                   | -              | 4          | 6         | 10                                   | 10                               | -  | 20.6                               | 2.6           | -            | -                | -             | -                         | -                       | -           | -    | PORTSMOUTH.    |            |
| NORWICH -                 | 93,675  | 57   | 39   | 12                                 | 13  | -           | -        | -                 | -           | 1                   | -              | 5          | -         | 1                                    | 3                                | -  | 21.7                               | 4.5           | -            | -                | -             | -                         | -                       | -           | -    | NORWICH.       |            |
| PLYMOUTH -                | 77,674  | 34   | 15   | 6                                  | 3   | -           | -        | -                 | -           | -                   | 1              | 1          | -         | -                                    | 1                                | -  | 10.1                               | 1.3           | 67.2         | 45.0             | 56.9          | 13.83                     | 0.93                    | 2.36        | -    | PLYMOUTH.      |            |
| BRISTOL -                 | 226,510   | 126  | 50   | 10                                 | 7   | -           | 1        | 2                 | -           | -                   | -              | 3          | 1         | 3                                    | 13                               | 1  | 11.5                               | 1.4           | 66.5         | 42.4             | 54.9          | 12.72                     | 1.39                    | 3.53        | -    | BRISTOL.       |            |
| WOLVERHAMPTON -           | 81,691  | 44   | 23   | 5                                  | 3   | -           | -        | -                 | -           | -                   | -              | 1          | 2         | 2                                    | 4                                | -  | 14.7                               | 0.6           | 68.9         | 40.0             | 52.6          | 11.44                     | 2.70                    | 6.86        | -    | WOLVERHAMPTON. |            |
| BIRMINGHAM -              | 447,912   | 257  | 147  | 53                                 | 27  | -           | 1        | -                 | 1           | 1                   | 3              | 21         | 9         | 12                                   | 22                               | 1  | 17.1                               | 3.1           | -            | -                | -             | -                         | -                       | -           | -    | BIRMINGHAM.    |            |
| LEICESTER* -              | 146,780   | 75   | 59   | 30                                 | 5   | -           | 1        | -                 | -           | 2                   | -              | 13         | -         | 7                                    | 7                                | -  | 21.0                               | 5.7           | -            | -                | -             | -                         | -                       | -           | -    | LEICESTER.     |            |
| NOTTINGHAM* -             | 230,921   | 98   | 53   | 21                                 | 11  | -           | -        | -                 | -           | -                   | 1              | 9          | 2         | 2                                    | 6                                | 1  | 13.0                               | 2.3           | 71.8         | 42.3             | 54.8          | 12.67                     | 1.52                    | 3.86        | -    | NOTTINGHAM.    |            |
| DERBY -                   | 96,241  | 46   | 28   | 8                                  | 3   | -           | -        | -                 | -           | -                   | -              | 1          | 1         | 2                                    | -                                | -  | 15.2                               | 0.5           | -            | -                | -             | -                         | -                       | -           | -    | DERBY.         |            |
| BIRKENHEAD -              | 100,693   | 58   | 37   | 14                                 | 10  | -           | -        | -                 | -           | -                   | 2              | 5          | 1         | 1                                    | 5                                | -  | 19.3                               | 3.6           | -            | -                | -             | -                         | -                       | -           | -    | BIRKENHEAD.    |            |
| LIVERPOOL -               | 669,738   | 382  | 226  | 89                                 | 30  | -           | -        | 1                 | 1           | 1                   | 2              | 4          | 31        | 12                                   | 40                               | 11   | 19.7                               | 3.4           | 66.0         | 46.4             | 54.9          | 12.72                     | 1.06                    | 2.69        | -    | LIVERPOOL.     |            |
| BOLTON -                  | 113,506   | 71   | 47   | 15                                 | 5   | -           | -        | -                 | 1           | 1                   | -              | 6          | 1         | 2                                    | 3                                | 1  | 21.6                               | 4.1           | -            | -                | -             | -                         | -                       | -           | -    | BOLTON.        |            |
| MANCHESTER -              | 378,164   | 241  | 175  | 39                                 | 29  | -           | 3        | -                 | 3           | 5                   | 4              | 19         | 4         | 8                                    | 31                               | 5  | 24.1                               | 4.7           | -            | -                | -             | -                         | -                       | -           | -    | MANCHESTER.    |            |
| SALFORD* -                | 226,336   | 139  | 72   | 34                                 | 6   | -           | -        | -                 | -           | 2                   | 3              | 16         | 1         | 2                                    | 7                                | 1  | 16.6                               | 4.8           | -            | -                | -             | -                         | -                       | -           | -    | SALFORD.       |            |
| OLDHAM -                  | 138,220   | 70   | 43   | 13                                 | 12  | -           | -        | 1                 | -           | 1                   | -              | -          | -         | -                                    | 3                                | 4  | 16.2                               | 0.8           | -            | -                | -             | -                         | -                       | -           | -    | OLDHAM.        |            |
| BLACKBURN -               | 119,039   | 76   | 34   | 9                                  | 7   | -           | -        | 1                 | -           | -                   | 2              | 2          | 1         | 1                                    | 5                                | -  | 14.9                               | 2.2           | -            | -                | -             | -                         | -                       | -           | -    | BLACKBURN.     |            |
| PRESTON -                 | 103,234   | 58   | 45   | 15                                 | 9   | -           | -        | -                 | -           | -                   | -              | -          | -         | 2                                    | 8                                | -  | 22.7                               | 0.1           | -            | -                | -             | -                         | -                       | -           | -    | PRESTON.       |            |
| HUDDERSFIELD -            | 91,419  | 39   | 30   | 7                                  | 5   | -           | -        | -                 | -           | -                   | -              | -          | -         | 5                                    | 2                                | 4  | 3                                  | 17.1          | -            | -                | -             | -                         | -                       | -           | -    | HUDDERSFIELD.  |            |
| HALIFAX -                 | 80,138  | 41   | 28   | 5                                  | 5   | -           | -        | -                 | -           | 2                   | 1              | 3          | -         | -                                    | 1                                | -  | 18.2                               | 3.9           | -            | -                | -             | -                         | -                       | -           | -    | HALIFAX.       |            |
| BRADFORD* -               | 222,721   | 127  | 67   | 17                                 | 17  | -           | 4        | -                 | -           | -                   | -              | 5          | 1         | 3                                    | 3                                | 2  | 15.2                               | 2.0           | 68.7         | 46.8             | 55.4          | 13.00                     | 1.08                    | 2.74        | -    | BRADFORD.      |            |
| LEEDS -                   | 351,210   | 209  | 170  | 68                                 | 31  | -           | 3        | -                 | -           | 6                   | -              | 42         | 4         | 8                                    | 18                               | 1  | 25.3                               | 7.6           | -            | -                | -             | -                         | -                       | -           | -    | LEEDS.         |            |
| SHEFFIELD -               | 321,711   | 173  | 113  | 45                                 | 16  | -           | -        | -                 | -           | 4                   | -              | 19         | 1         | 3                                    | 7                                | 4  | 18.3                               | 3.7           | -            | -                | -             | -                         | -                       | -           | -    | SHEFFIELD.     |            |
| HULL -                    | 202,359   | 145  | 64   | 17                                 | 9   | -           | -        | -                 | -           | -                   | 2              | 3          | 1         | 3                                    | 8                                | 2  | 16.5                               | 1.5           | 68.0         | 43.0             | 54.0          | 12.22                     | 1.30                    | 3.830       | -    | HULL.          |            |
| SUNDERLAND -              | 131,919   | 70   | 52   | 10                                 | 15  | -           | -        | -                 | -           | -                   | -              | 3          | 1         | 3                                    | 6                                | 4  | 20.6                               | 1.6           | 67.0         | 45.0             | 53.6          | 12.00                     | 1.03                    | 2.62        | -    | SUNDERLAND.    |            |
| NEWCASTLE* -              | 159,063   | 106  | 68   | 13                                 | 18  | -           | -        | -                 | -           | -                   | 2              | 1          | 2         | 3                                    | 4                                | 11   | 1                                  | 22.3          | 1.6          | 63.0             | 44.0          | 50.7                      | 10.39                   | 0.55        | 1.40 | -              | NEWCASTLE. |
| CARDIFF* -                | 108,570   | 94   | 32   | 15                                 | 4   | -           | -        | -                 | -           | -                   | -              | 6          | -         | -                                    | 3                                | -  | 15.4                               | 2.9           | -            | -                | -             | -                         | -                       | -           | -    | CARDIFF.       |            |
| EDINBURGH* -              | 262,733   | 134  | 76   | 19                                 | 19  | -           | -        | -                 | -           | -                   | 1              | 1          | 1         | 4                                    | ?                                | 9  | 16                                 | 15.1          | 0.4          | 72.0             | 42.0          | 57.8                      | 14.33                   | 0.57        | 1.45 | -              | EDINBURGH. |
| GLASGOW -                 | 526,088   | 383  | 176  | 42                                 | 26  | -           | -        | 4                 | 1           | 1                   | 1              | 15         | 8         | ?                                    | 26                               | 22   | 17.5                               | 2.2           | 66.1         | 42.2             | 55.1          | 12.83                     | 1.01                    | 2.57        | -    | GLASGOW.       |            |
| DUBLIN -                  | 365,082   | 167  | 138  | 23                                 | 31  | -           | -        | 2                 | 1           | 2                   | 8              | 7          | 1         | 3                                    | 43                               | 12   | 20.4                               | 2.8           | 67.6         | 45.5             | 55.5          | 13.06                     | 0.33                    | 0.84        | -    | DUBLIN.        |            |

\* See note on first page of this Return.



## Births and Deaths registered last Week.

TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-FIFTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2404 | 2502 | 2403 | 2358 | 2496 | 2448 | 2460 | 2538 | 2332 | 2297 | 2643.1   | 2508 |
| Males . .           | 1251 | 1296 | 1250 | 1185 | 1281 | 1249 | 1211 | 1307 | 1212 | 1177 | 1351.3   | 1255 |
| Females .           | 1153 | 1206 | 1153 | 1173 | 1212 | 1199 | 1249 | 1231 | 1120 | 1120 | 1291.8   | 1253 |
| <b>TOTAL Deaths</b> | 1365 | 1391 | 1460 | 1190 | 1473 | 1292 | 1542 | 1238 | 1328 | 1339 | 1485.0   | 1342 |
| Males . .           | 711  | 718  | 766  | 632  | 736  | 693  | 815  | 663  | 684  | 710  | 777.3  | 688  |
| Females .           | 654  | 673  | 694  | 558  | 737  | 599  | 727  | 575  | 644  | 629  | 707.7  | 659  |

\*The numbers in this column are the average weekly numbers in the thirty-fifth weeks of the ten years 1878-87 raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

| LAST THIRTEEN WEEKS.                     |            |              |             |             |            |             |             |             |            |             |             |             |             |      |      |     |
|--|------------|--------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|------|------|-----|
|  | June<br>9. | June<br>16.  | June<br>23. | June<br>30. | July<br>7. | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. |      |      |     |
| <b>TOTAL Births</b>                      | -          | -            | 2430        | 2399        | 2534       | 2289        | 2348        | 2520        | 2385       | 2353        | 2530        | 2228        | 2604        | 2401 | 2538 |     |
| <b>TOTAL Deaths</b>                      | -          | -            | 1219        | 1167        | 1190       | 1238        | 1211        | 1288        | 1297       | 1308        | 1309        | 1476        | 1330        | 1438 | 1342 |     |
| 0-20                                     | -          | -            | 527         | 503         | 536        | 562         | 576         | 628         | 636        | 670         | 726         | 816         | 713         | 838  | 730  |     |
| 20-40                                    | -          | -            | 156         | 176         | 149        | 171         | 172         | 160         | 163        | 155         | 131         | 174         | 173         | 133  | 159  |     |
| 40-60                                    | -          | -            | 248         | 208         | 226        | 213         | 203         | 229         | 242        | 206         | 205         | 228         | 177         | 202  | 208  |     |
| 60-80                                    | -          | -            | 245         | 234         | 242        | 241         | 205         | 230         | 202        | 217         | 195         | 217         | 217         | 221  | 204  |     |
| at 80 years & upwds.                     | -          | -            | 43          | 46          | 37         | 51          | 50          | 41          | 49         | 60          | 52          | 41          | 50          | 39   | 41   |     |
| Deaths of children                       | {          | Under 1 year | -           | 264         | 251        | 281         | 297         | 302         | 359        | 384         | 385         | 449         | 493         | 444  | 500  | 441 |
|  | {          | 1-5          | -           | 176         | 163        | 155         | 178         | 203         | 182        | 177         | 186         | 200         | 233         | 187  | 260  | 219 |
|  | {          | 5-20         | -           | 87          | 89         | 100         | 87          | 71          | 87         | 75          | 99          | 77          | 90          | 82   | 73   | 70  |
| Deaths from Small-pox                    | -          | -            | -           | -           | -          | -           | 1           | 1           | -          | -           | -           | -           | -           | -    | -    |     |
| " " Measles                              | -          | -            | 25          | 21          | 18         | 20          | 23          | 26          | 25         | 40          | 29          | 51          | 33          | 47   | 39   |     |
| " " Scarlet fever                        | -          | -            | 23          | 19          | 10         | 19          | 10          | 18          | 14         | 23          | 18          | 17          | 17          | 21   | 15   |     |
| " " Diphtheria                           | -          | -            | 22          | 18          | 15         | 28          | 29          | 24          | 15         | 21          | 19          | 25          | 13          | 17   | 23   |     |
| " " Whooping-cough                       | -          | -            | 33          | 34          | 33         | 27          | 31          | 32          | 33         | 30          | 25          | 27          | 20          | 28   | 24   |     |
| " " Typhus                               | -          | -            | -           | -           | -          | -           | -           | -           | -          | -           | -           | -           | 2           | -    | -    |     |
| " " Enteric fever                        | -          | -            | 8           | 8           | 15         | 10          | 7           | 12          | 8          | 15          | 9           | 6           | 2           | 7    | 10   |     |
| " " Simple Cont'd fever                  | -          | -            | 1           | 1           | -          | -           | 2           | 1           | -          | 1           | -           | 1           | 1           | -    | 1    |     |
| " " Diarrhoea and Dysentery              | -          | -            | 18          | 16          | 18         | 36          | 51          | 72          | 62         | 89          | 121         | 133         | 162         | 192  | 144  |     |
| " " Cholera                              | -          | -            | -           | -           | -          | 2           | 3           | 3           | 2          | 4           | 4           | 5           | 4           | 7    | 2    |     |
| Deaths from the above-mentioned Diseases | -          | -            | 130         | 117         | 109        | 142         | 156         | 189         | 160        | 223         | 225         | 270         | 254         | 319  | 258  |     |
| " " Dis. of Respiratory System           | -          | -            | 185         | 213         | 184        | 156         | 176         | 164         | 166        | 160         | 167         | 183         | 167         | 172  | 130  |     |
| " " Phthisis                             | -          | -            | 185         | 119         | 133        | 117         | 114         | 114         | 141        | 117         | 123         | 131         | 134         | 108  | 125  |     |
| " " Dis. of Circulatory System           | -          | -            | 101         | 89          | 95         | 101         | 96          | 110         | 118        | 92          | 93          | 123         | 85          | 84   | 91   |     |
| Violent Deaths                           | -          | -            | 51          | 71          | 63         | 64          | 65          | 56          | 54         | 63          | 49          | 56          | 47          | 47   | 53   |     |
| Inquest Cases                            | -          | -            | 50          | 103         | 105        | 111         | 107         | 125         | 104        | 89          | 97          | 100         | 91          | 87   | 88   |     |
| Deaths in Public Institutions            | -          | -            | 275         | 312         | 280        | 302         | 285         | 300         | 314        | 305         | 260         | 341         | 296         | 303  | 292  |     |
| TEMPERATURE OF THE AIR                   | -          | -            | -           | -           | -          | -           | -           | -           | -          | -           | -           | -           | -           | -    | -    |     |
| Mean                                     | -          | -            | 58.9        | 57.1        | 54.2       | 61.9        | 56.4        | 55.8        | 59.4       | 60.3        | 56.9        | 63.9        | 56.4        | 60.0 | 56.6 |     |
| Mean of Highest readings                 | -          | -            | 71.0        | 69.5        | 61.8       | 72.3        | 65.3        | 64.7        | 68.6       | 69.9        | 67.5        | 75.2        | 67.1        | 70.2 | 66.4 |     |
| Mean of Lowest readings                  | -          | -            | 49.8        | 47.8        | 48.1       | 54.3        | 50.8        | 48.2        | 52.8       | 53.8        | 50.4        | 54.3        | 48.6        | 51.8 | 48.4 |     |
| Humidity of the Air                      | -          | -            | 77          | 72          | 86         | 83          | 87          | 77          | 83         | 81          | 87          | 75          | 77          | 82   | 81   |     |
| Rain-fall in inches                      | -          | -            | 0.17        | 0.54        | 0.27       | 2.37        | 0.90        | 0.44        | 1.61       | 1.11        | 4.29        | 0.11        | 0.00        | 0.81 | 1.22 |     |
| Registered Sunshine (in hours)           | -          | -            | 21.2        | 51.7        | 17.7       | 29.9        | 18.5        | 23.2        | 11.8       | 34.8        | 22.0        | 47.5        | 27.8        | 29.2 | 32.2 |     |

\*The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glisher, Esq., F.R.S.:—P. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotham, Wrotham; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-FIFTH Week of the Year 1888.

| CAUSES OF DEATH.  | Corrected Averages for the 35th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 1st September 1888. |           |      |       |                  |                  |                  |                       | Corrected Averages for the 35th Weeks of the 10 years 1878-87.* | CAUSES OF DEATH. | Corrected Averages for the 35th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 1st September 1888. |           |      |       |                  |                  |                  |                       |  |  |  |
|---|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|------------------|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|--|--|
|   |   | Deaths of Persons of the Ages                    |           |      |       |                  |                  |                  |                       |   |                  |   | Deaths of Persons of the Ages                    |           |      |       |                  |                  |                  |                       |  |  |  |
|   |   | ALL AGES.  | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |                  |   | ALL AGES.  | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |  |  |
|   |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |                  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |  |  |
| ALL CAUSES - -  | 1485.0  | 1842   | 441       | 219  | 70    | 159              | 208              | 204              | 41                    | Diseases of Organs of Special Sense † - -                       | 2.5              | 1   | -  | -         | 1    | -     | -                | -                | -                |                       |  |  |  |
| Small-pox { Vaccinated† - - - - -<br>Unvaccinated - - - - -<br>No Statement - - - - - } | 7.2   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - - - -                        | 89.2             | 91  | 2  | 2         | 2    | 19    | 27               | 35               | 4                |                       |  |  |  |
| Measles - - - - -   | 33.6  | 39   | 6         | 23   | -     | -                | -                | -                | -                     | Croup - - - - -   | 10.4             | 3   | -  | 3         | -    | -     | -                | -                | -                |                       |  |  |  |
| Scarlet Fever - - - - -   | 37.8  | 15   | 1         | 9    | 4     | 1                | -                | -                | -                     | Bronchitis - - - - -  | 37.7             | 63  | 19   | 13        | -    | 2     | 11               | 20               | 1                |                       |  |  |  |
| Typhus - - - - -  | 1.5   | -  | -         | -    | -     | -                | -                | -                | -                     | Pneumonia - - - - -   | 51.7             | 47  | 13   | 17        | 3    | 6     | 5                | 3                | -                |                       |  |  |  |
| Relapsing Fever † - - - - -   | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     | Pleurisy - - - - -  | 4.6              | 1   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Influenza - - - - -   | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - - - -                  | 20.9             | 13  | 6  | 2         | -    | -     | 1                | 4                | -                |                       |  |  |  |
| Whooping-cough - - - - -  | 33.9  | 24   | 13        | 11   | -     | -                | -                | -                | -                     | Dentition † - - - - -   | 9.8              | 13  | 5  | 8         | -    | -     | -                | -                | -                |                       |  |  |  |
| Diphtheria - - - - -  | 15.6  | 23   | 2         | 13   | 6     | 1                | -                | 1                | -                     | Quinsy, Sore Throat † - - - - -                                 | 3.2              | -   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Simple Continued and Ill-defined Fever - - - - -  | 1.7   | 1  | -         | -    | -     | -                | 1                | -                | -                     | Enteritis - - - - -   | 11.2             | 17  | 7  | 3         | -    | 1     | 1                | 5                | -                |                       |  |  |  |
| Enteric Fever - - - - -   | 15.7  | 10   | -         | 2    | 5     | 3                | -                | -                | -                     | Peritonitis - - - - -   | 7.2              | 9   | 1  | 1         | 2    | 3     | 2                | -                | -                |                       |  |  |  |
| Cholera - - - - -   | 7.4   | 2  | 1         | -    | 1     | -                | -                | -                | -                     | Diseases of Liver - - - - -                                     | 29.8             | 25  | 4  | -         | -    | 5     | 10               | 5                | 1                |                       |  |  |  |
| Diarrhoea, Dysentery - - - - -  | 161.6   | 144  | 112       | 24   | 1     | -                | 1                | 3                | 3                     | Other Diseases of Digestive System - - - - -                    | 27.7             | 45  | 11   | 6         | 1    | 3     | 11               | 12               | 1                |                       |  |  |  |
| Remittent Fever † - - - - -   | 0.4   | 2  | -         | -    | 2     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - - - -   | 0.0              | -   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Hydrophobia - - - - -   | 0.2   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System - - - - -                            | 35.1             | 45  | -  | 2         | 1    | 8     | 17               | 16               | 1                |                       |  |  |  |
| Glanders - - - - -  | 0.1   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - - - -                         | 5.1              | 4   | -  | 1         | -    | -     | -                | -                | 1                |                       |  |  |  |
| Cowpox and Effects of Vaccination † - - - - -   | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth - - - - -                               | 5.8              | 4   | -  | -         | -    | 4     | -                | -                | -                |                       |  |  |  |
| Veneral Affections - - - - -  | 12.4  | 7  | 4         | -    | -     | 1                | 1                | 1                | -                     | Diseases of Locomotive System † - - - - -                       | 5.8              | 10  | 2  | -         | 3    | 3     | -                | 2                | -                |                       |  |  |  |
| Erysipelas - - - - -  | 6.2   | 4  | 1         | -    | -     | -                | 2                | 1                | -                     | Diseases of Integumentary System - - - - -                      | 5.5              | 5   | 2  | -         | -    | -     | 2                | 1                | -                |                       |  |  |  |
| Pyæmia and Septicæmia † - - - - -   | 2.8   | 1  | -         | 1    | -     | -                | -                | -                | -                     | <b>VIOLENT DEATHS.‡</b>   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |  |
| Puerperal Fever - - - - -   | 5.1   | 4  | -         | -    | -     | 4                | -                | -                | -                     | ACCIDENT.)  |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |  |
| Other Zymotic Diseases † - - - - -  | 2.1   | 1  | -         | 1    | -     | -                | -                | -                | -                     | Fracture and Contusion - - - - -                                | 19.4             | 29  | 1  | 5         | 5    | 8     | 2                | 7                | 1                |                       |  |  |  |
| Thrush - - - - -  | 5.0   | 3  | 3         | -    | -     | -                | -                | -                | -                     | Gunshot Wound - - - - -   | 0.3              | -   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Worms and other Parasitical Diseases - - - - -  | 0.3   | -  | -         | -    | -     | -                | -                | -                | -                     | Cut, Stab - - - - -   | 0.4              | -   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Starvation, Want of Breast-milk † - - - - -   | 1.6   | 2  | 2         | -    | -     | -                | -                | -                | -                     | Burn and Scald - - - - -  | 4.1              | 2   | -  | -         | 1    | 1     | -                | -                | -                |                       |  |  |  |
| Alcoholism - - - - -  | 5.1   | 4  | -         | -    | -     | 2                | 2                | -                | -                     | Poison - - - - -  | 1.3              | 1   | -  | -         | 2    | 1     | 4                | -                | -                |                       |  |  |  |
| Rheumatic Fever, Rheumatism of Heart† - - - - -   | 6.4   | 10   | -         | -    | 4     | 3                | 3                | -                | -                     | Drowning - - - - -  | 8.8              | 8   | -  | -         | 2    | 2     | -                | -                | -                |                       |  |  |  |
| Rheumatism † - - - - -  | 2.8   | 2  | -         | -    | -     | -                | 2                | -                | -                     | Suffocation - - - - -   | 8.8              | 7   | 4  | 2         | -    | -     | 1                | -                | -                |                       |  |  |  |
| Gout - - - - -  | 3.7   | 3  | -         | -    | -     | -                | 1                | 2                | -                     | Otherwise - - - - -   | 3.3              | 1   | 1  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Rickets † - - - - -   | 3.3   | 4  | 1         | 3    | -     | -                | -                | -                | -                     | (HOMICIDE.)   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |  |
| Cancer - - - - -  | 48.8  | 57   | -         | -    | 1     | 6                | 23               | 23               | 2                     | Murder & Manslaughter - - - - -                                 | 0.8              | 1   | -  | -         | -    | -     | -                | 1                | -                |                       |  |  |  |
| Tabes Mesenterica - - - - -   | 41.2  | 33   | 23        | 7    | -     | -                | -                | -                | -                     | (SUICIDE.)  |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |  |
| Tubercular Meningitis - - - - -   | 29.3  | 29   | 11        | 14   | 3     | 1                | -                | -                | -                     | Gunshot Wound - - - - -   | 0.5              | -   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Phthisis - - - - -  | 160.7   | 125  | 1         | 3    | 17    | 54               | 46               | 4                | -                     | Cut, Stab - - - - -   | 0.8              | -   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Serofula, Tuberculosis - - - - -  | 18.6  | 20   | 7         | 5    | -     | 5                | 3                | -                | -                     | Poison - - - - -  | 1.6              | 2   | -  | -         | -    | 1     | 1                | -                | -                |                       |  |  |  |
| Other Constitutional Diseases † - - - - -   | 7.4   | 8  | 1         | -    | 1     | 1                | 2                | 3                | -                     | Drowning - - - - -  | 1.7              | 1   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Premature Birth - - - - -   | 34.2  | 44   | 44        | -    | -     | -                | -                | -                | -                     | Hanging - - - - -   | 1.3              | 1   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Atelectasis † - - - - -   | 1.6   | 8  | 8         | -    | -     | -                | -                | -                | -                     | Otherwise - - - - -   | 0.9              | 1   | -  | -         | -    | -     | 1                | -                | -                |                       |  |  |  |
| Congenital Malformations - - - - -  | 6.2   | 4  | 4         | -    | -     | -                | -                | -                | -                     | (EXECUTION.)  |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |  |
| Old Age - - - - -   | 45.4  | 35   | -         | -    | -     | -                | -                | 17               | 13                    | Hanging - - - - -   | 0.1              | -   | -  | -         | -    | -     | -                | -                | -                |                       |  |  |  |
| Apoplexy - - - - -  | 34.9  | 35   | 2         | 1    | -     | 4                | 12               | 12               | 4                     | <b>OTHER CAUSES † - -</b>                                       | 78.7             | 63  | 52   | 4         | 1    | 1     | 2                | 2                | 1                |                       |  |  |  |
| Epilepsy - - - - -  | 7.4   | 8  | -         | -    | -     | 1                | 2                | 5                | -                     |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |  |
| Convulsions - - - - -   | 47.4  | 54   | 48        | 6    | -     | -                | -                | -                | -                     |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |  |
| Other Diseases of Brain and Nervous System - - - - -                                    | 70.3  | 61   | 13        | 17   | 3     | 2                | 7                | 17               | 3                     |   |                  |   |  |           |      |       |                  |                  |                  |                       |  |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total Births during the<br>Week. | Total Deaths during the<br>Week. | The DEATHS registered in the Week include    |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                    |
|---|--|--|----------------------------------|----------------------------------|--|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|--------------------|
|   |  |  |                                  |                                  | Deaths of<br>Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |                    |
|   |  |  |                                  |                                  |  |                                     | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Euteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unrecorded Causes. |
| LONDON . . . .  |  | 3,815,704                                    | 2508                             | 1342                             | 441  | 245                                 | -           | 39       | 15             | 23          | 24              | -       | 10                             | 1                            | 144        | 53        | 88             | 202                               | -                  |
| WEST DISTRICTS . . . .  |  | 669,833                                      | 343                              | 228                              | 70   | 46                                  | -           | 8        | 1              | 6           | 4               | -       | -                              | -                            | 24         | 10        | 18             | 58                                | -                  |
| NORTH DISTRICTS . . . .   |  | 905,947                                      | 586                              | 293                              | 98   | 55                                  | -           | 10       | 6              | 2           | 3               | -       | 4                              | -                            | 31         | 10        | 21             | 60                                | -                  |
| CENTRAL DISTRICTS . . . .   |  | 282,238                                      | 153                              | 93                               | 21   | 19                                  | -           | 4        | -              | 4           | 1               | -       | 1                              | -                            | 9          | 3         | 5              | 33                                | -                  |
| EAST DISTRICTS . . . .  |  | 692,738                                      | 510                              | 276                              | 88   | 45                                  | -           | 13       | 4              | 6           | 3               | -       | 3                              | -                            | 32         | 13        | 27             | 68                                | -                  |
| SOUTH DISTRICTS . . . .   |  | 1,365,148                                    | 916                              | 452                              | 164  | 79                                  | -           | 5        | 4              | 5           | 13              | -       | 2                              | 1                            | 43         | 17        | 22             | 70                                | -                  |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . |  | -  | -                                | -                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| WEST DISTRICTS.   |  |  |                                  |                                  |  |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                    |
| St. Mary Paddington WHH G.J. & W.M.                                       |  | 69883  | 39                               | 26                               | 14   | 1                                   | -           | 2        | -              | 1           | 3               | -       | -                              | -                            | 4          | -         | -              | 4                                 | -                  |
| St. John Paddington H - - G.J.  |  | 87330  | 12                               | 10                               | 1  | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 3              | 5                                 | -                  |
| Kensington Town W - - - W.M.  |  | 120141                                       | 69                               | 38                               | 11   | 10                                  | -           | -        | -              | 4           | -               | -       | -                              | -                            | 5          | 1         | 1              | 12                                | -                  |
| Brompton HH - - - W.M. & C.   |  | 43010  | 6                                | 15                               | 5  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | -                  |
| St. Peter Hammersmith - - W.M.  |  | 7599   | 9                                | 5                                | 1  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                  |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 48                               | 24                               | 11   | 5                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | 7          | 1         | 1              | 1                                 | -                  |
| Fulham W - - - W.M. & C.  |  | 42900  | 43                               | 31                               | 17   | 4                                   | -           | 3        | 1              | -           | -               | -       | -                              | -                            | 6          | 1         | 1              | 9                                 | -                  |
| Chelsea South HHH - - - C.  |  | 30394  | 20                               | 9                                | 2  | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                  |
| Chelsea North-west WHHHHH - C.  |  | 24925  | 10                               | 10                               | 1  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4                                 | -                  |
| Chelsea North-east - - - C.   |  | 32897  | 23                               | 6                                | -  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 | -                  |
| May Fair WW - - - G.J.  |  | 80553  | 9                                | 6                                | 2  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 3                  |
| Belgrave WHHH - - - C.  |  | 59260  | 19                               | 21                               | 4  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 11                                | -                  |
| St. John Westminster HHH - C.   |  | 35498  | 14                               | 12                               | 1  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                  |
| St. Margaret Westminster H - C.   |  | 24479  | 6                                | 7                                | -  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 4                                 | -                  |
| St. James Westminster WHH N.R. & G.J.                                     |  | 29941  | 9                                | 5                                | -  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                  |
| St. Anne Soho HHHHHHH - N.R.  |  | 18608  | 4                                | 3                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                  |
| NORTH DISTRICTS.  |  |  |                                  |                                  |  |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                    |
| All Souls Marylebone HHHH - W.M.  |  | 26769  | 9                                | 12                               | 2  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | 3              | 4                                 | -                  |
| Cavendish Square HHHH - - W.M.  |  | 14391  | 4                                | -                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 9                                | 1                                | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                  |
| St. Mary Maryleb. HHH G.J. & W.M.   |  | 21118  | 30                               | 4                                | 2  | 1                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                  |
| Christchurch Marylebone H - W.M.  |  | 33700  | 27                               | 9                                | 2  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | -                                 | -                  |
| St. John Marylebone H - - W.M.  |  | 93635  | 16                               | 9                                | 3  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Hampstead WWHHHH N.R. & W.M.  |  | 45432  | 22                               | 14                               | 5  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 3                                 | -                  |
| Regent's Park Paneras H - - W.M.  |  | 39115  | 21                               | 10                               | 4  | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 3          | -         | 1              | -                                 | -                  |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 12                               | 14                               | 2  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 9                                 | -                  |
| Gray's Inn Lane HHH - - N.R.  |  | 30247  | 11                               | 8                                | 1  | -                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 | -                  |
| Somers Town H - - - N.R.  |  | 34369  | 27                               | 8                                | 6  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | 1                  |
| Camden Town WH - - - N.R.   |  | 17311  | 22                               | 14                               | 4  | 0                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | 8                                 | -                  |
| Kentish Town W - - - N.R.   |  | 87437  | 50                               | 64                               | 10   | 7                                   | -           | 2        | 1              | 1           | 1               | -       | 1                              | 1                            | 5          | 1         | 2              | 7                                 | -                  |
| Upper Holloway WWHH - - N.R.  |  | 67946  | 55                               | 33                               | 13   | 10                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | 5          | 1         | 1              | 10                                | -                  |
| Islington South-west HH - - N.R.  |  | 106976                                       | 64                               | 20                               | 12   | 4                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 4          | 1         | 1              | -                                 | -                  |
| Islington South-east - - N.R.   |  | 61825  | 41                               | 15                               | 7  | 4                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | 3          | -         | 1              | -                                 | -                  |
| Highbury H - - - N.R.   |  | 52048  | 22                               | 13                               | 2  | 4                                   | -           | -        | -              | -           | 1               | -       | 1                              | -                            | 1          | -         | 1              | -                                 | -                  |
| Stoke Newington H - - - N.R.  |  | 22781  | 13                               | 8                                | -  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                  |
| Stamford Hill - - - E.L.  |  | 9277   | 9                                | 3                                | 2  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| West Hackney H - - - N.R.   |  | 37610  | 19                               | 9                                | 5  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1              | 1                                 | -                  |
| Hackney WWHH - - - E.L. & N.R.  |  | 76911  | 62                               | 40                               | 11   | 9                                   | -           | 1        | 4              | 1           | -               | -       | 1                              | -                            | 4          | 2         | 3              | 15                                | -                  |
| South Hackney - - - E.L.  |  | 39483  | 21                               | 10                               | 5  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 | -                  |
| CENTRAL DISTRICTS.  |  |  |                                  |                                  |  |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                    |
| St. George Bloomsbury - - N.R.  |  | 16681  | 4                                | 5                                | 3  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| St. Giles South WH - - - N.R.   |  | 14864  | 17                               | 5                                | 1  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                  |
| St. Giles North - - - N.R.  |  | 18837  | 4                                | -                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| St. Martin-in-the-Fields HH N.R. & C.                                     |  | 17698  | 1                                | 10                               | 2  | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 5                                 | -                  |
| St. Mary-le-Strand H - - N.R.   |  | 7315   | 2                                | 2                                | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| St. Clement Danes H - - N.R.  |  | 5559   | 4                                | 5                                | 1  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 4                                 | -                  |
| Strand Union Workhouse, Edmonton w.                                       |  | -  | -                                | -                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| St. Geo. the Martyr HHHHHHH N.R.  |  | 18671  | 11                               | 8                                | 2  | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 7                                 | -                  |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 6                                | 5                                | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | -              | 1                                 | -                  |
| Saffron Hill H - - - N.R.   |  | 6583   | 3                                | 2                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| St. James Clerkenwell - - N.R.  |  | 17618  | 8                                | 5                                | 3  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Amwell Clerkenwell - - N.R.   |  | 19281  | 15                               | 1                                | -  | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Pentonville - - - N.R.  |  | 14773  | 7                                | 3                                | 2  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Goswell-street - - - N.R.   |  | 17504  | 11                               | 4                                | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Old-street H - - - N.R.   |  | 11541  | 11                               | 6                                | 2  | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| City-road HHL - - - N.R.  |  | 18628  | 16                               | 3                                | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 1                                 | -                  |
| Whitecross-street - - N.R.  |  | 9217   | 5                                | 1                                | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                  |
| Finsbury - - - N.R.   |  | 7463   | 4                                | 4                                | -  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Holborn Union Workhouse, Mitcham, w.                                      |  | -  | -                                | -                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| St. Botolph H - - - N.R. & E.L.   |  | 11174  | 11                               | -                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Cripplegate - - - N.R.  |  | 7193   | 2                                | -                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| St. Sepulchre H - - - N.R.  |  | 5353   | 1                                | 18                               | -  | 4                                   | -           | 1        | -              | 3           | -               | -       | 1                              | -                            | -          | 2         | 2              | 18                                | -                  |
| St. Bride W - - - N.R.  |  | 8396   | 5                                | 1                                | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Allhallows Barking - - N.R.   |  | 13666  | 4                                | 3                                | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |
| Broad Street H - - - N.R.   |  | 5652   | 1                                | -                                | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                  |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *W*—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts: *G.J.*, signal Grand Junction Company; *W.M.*, West Middlesex; *C.*, Chelsea; *S.*, Southwark and Vauxhall; *L.*, Lambeth; *N.R.*, New River; *E.L.*, East London and K, the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
 day, the 1st September, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |                                     |            |             |                |             |                 |         |                                |                              |           |           |  | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                |  |  |  |  | Deaths of                                 |                                     |            | Deaths from |                |             |                 |         |                                |                              |           |           |  |                |                                   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |  |  |  |  | Infants under<br>1<br>Year of Age.        | Persons aged 60<br>Years & upwards. | Small-pox. | Measles.    | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhœa. | Violence. |  |                |                                   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EAST DISTRICTS.                |  |  |  |  |   |                                     |            |             |                |             |                 |         |                                |                              |           |           |  |                |                                   |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by —

|   |  |
|---|--|
| Starylebone Infirmary in Kensington Town sub-district.            | Stepney Workhouse in Bromley sub-district.                           |
| Central London Sick Asylum, in Tottenham Court-road sub-district. | Poplar & Stepney Sick Asylum.  |
| Oldbarn Infirmary in Upper Holloway sub-district.                 | Westminster Union Industrial School in West Battersea sub-district.  |
| St. Mary's Workhouse in Hackney sub-district.                     | Strand and Holborn Workhouses outside Registration London.           |
| Whitechapel " " Hoxton New Town sub-district.                     | Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hack- |
| " " Mile End Old Town Eastern sub-dist.                           | ney, Erixton, and St. Paul, Deptford sub-districts, and in Dartford, |
| London City " " Mile End Old Town Eastern sub-dist.               | Edmonton, and West Ham, sub-districts outside Registration London.   |
| " " and Bromley sub-district.                                     |  |

Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 1st September, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Aeres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |                    |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |                    |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unrecorded Causes. |
| LONDON—OUTER RING   |                                | 370,924  | 950,937   | 733     | 302     | 102                                       | 52                                  | -           | 1        | 5              | 1           | 7               | 2      | 40         | 11        | 19             | 30                                | -                  |
| 30:1  | Carshalton wL -                | 12238  | 21118   | 10      | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 6                  |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 8       | 3       | 2   | 1                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 | -                  |
| 37:1  | Godstone (part of)* -          | 2754   | 1235  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 38:1  | Croydon WwHHL -                | 20351  | 101241  | 52      | 22      | 4   | 3                                   | -           | 1        | -              | -           | 2               | -      | 2          | 1         | 2              | 2                                 | -                  |
| 2   | Mitcham w† -                   | 11697  | 17932   | 13      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -                  |
| 39:1  | Wimbledon HHH -                | 3220   | 15950   | 16      | 5       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 | -                  |
| 2   | Kingston WHH -                 | 8549   | 36354   | 32      | 18      | 5   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | 3         | 3              | 3                                 | -                  |
| 3   | Esher (part of)* -             | 6801   | 9221  | 4       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 4   | Hampton H -                    | 4573   | 13539   | 5       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 | -                  |
| 40:1  | Richmond WH -                  | 2272   | 21302   | 17      | 5       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |
| 2   | Mortlake -                     | 2911   | 12331   | 9       | 9       | 4   | 1                                   | -           | -        | -              | -           | 1               | -      | 1          | -         | -              | -                                 | -                  |
| 41:1  | Bromley (pt. of)* HH           | 15669  | 81142   | 18      | 4       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15844   | 13      | 5       | 1   | 2                                   | -           | -        | -              | -           | 1               | 1      | 1          | -         | -              | 2                                 | 1                  |
| 42:1  | Bexley H -                     | 13437  | 24134   | 22      | 7       | 2   | 3                                   | -           | -        | -              | -           | 1               | -      | 2          | -         | -              | -                                 | -                  |
| 2   | Dartford (Ww, pts. of)* -      | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 124:1   | Sunbury w -                    | 11055  | 11685   | 7       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Staines W -                    | 13277  | 12089   | 3       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 125:1   | Hillingdon WHH -               | 6029   | 10802   | 5       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |
| 2   | Uxbridge -                     | 6173   | 3225  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 3   | Hayes wHL -                    | 14587  | 11523   | 4       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |
| 126:1   | Isleworth WHH -                | 7003   | 22727   | 15      | 11      | 2   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 2              | 2                                 | -                  |
| 2   | Twickenham H -                 | 2477   | 12479   | 10      | 6       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 | -                  |
| 3   | Brentford HL -                 | 4345   | 27649   | 25      | 15      | 2   | 2                                   | -           | -        | -              | -           | 1               | 2      | -          | -         | 1              | 1                                 | -                  |
| 4   | Chiswick -                     | 1340   | 15075   | 13      | 9       | 4   | -                                   | -           | -        | -              | -           | -               | -      | 3          | -         | -              | -                                 | -                  |
| 5   | Acton wH -                     | 6083   | 23376   | 24      | 9       | 4   | 1                                   | -           | -        | -              | -           | -               | -      | 2          | -         | 1              | -                                 | -                  |
| 127:1   | Harrow H -                     | 13909  | 12796   | 5       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Edgware H -                    | 6994   | 3749  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 3   | Willersden -                   | 4383   | 27453   | 29      | 9       | 4   | -                                   | -           | 1        | -              | -           | 1               | -      | 3          | 1         | 1              | -                                 | -                  |
| 4   | Hendon W -                     | 8382   | 10434   | 12      | 6       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |
| 128:1   | South Mimms -                  | 15699  | 6391  | 4       | 4       | -   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | -              | -                                 | -                  |
| 2   | Barnet -                       | 5433   | 10092   | 4       | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 3   | Finchley HL -                  | 4688   | 17615   | 15      | 5       | -   | 1                                   | -           | 1        | 1              | -           | -               | -      | -          | -         | -              | 1                                 | -                  |
| 129:1   | Hornsey H -                    | 3039   | 37078   | 30      | 10      | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Tottenham H -                  | 4642   | 46456   | 45      | 24      | 15  | 2                                   | -           | -        | -              | -           | -               | -      | 8          | -         | -              | -                                 | -                  |
| 3   | Edmonton Ww† -                 | 7483   | 23463   | 11      | 8       | 1   | 5                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1              | 3                                 | -                  |
| 4   | Enfield WH -                   | 12653  | 19104   | 12      | 6       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 5   | Waltham Abbey -                | 11017  | 5368  | 2       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 6   | Cheshunt -                     | 8490   | 7735  | -       | 1       | -   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 135:1   | Hatfield (part of)* -          | 3306   | 683   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 137:1   | Bushey -                       | 9331   | 6621  | 7       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Watford (W, pt. of)* -         | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 136:1   | Stratford -                    | 832  | 38805   | 30      | 14      | 8   | -                                   | -           | -        | -              | -           | -               | -      | 3          | 1         | 2              | -                                 | -                  |
| 2   | West Ham wwwH§ -               | 7351   | 101053  | 96      | 34      | 19  | 5                                   | -           | -        | -              | -           | -               | -      | 3          | 1         | 1              | -                                 | -                  |
| 3   | Leyton WwL -                   | 4372   | 32430   | 42      | 15      | 8   | -                                   | -           | 1        | -              | -           | -               | -      | 3          | -         | -              | 4                                 | -                  |
| 4   | Walthamstow H -                | 6520   | 28869   | 19      | 6       | 2   | -                                   | -           | -        | -              | -           | -               | -      | 2          | 2         | 2              | -                                 | -                  |
| 137:1   | Chigwell (part of)* H          | 11761  | 9669  | 13      | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 2   | Epping (W, pt. of)* -          | -  | -   | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 139:1   | Romford (part of)* W           | 6730   | 3411  | 1       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 | -                  |
| 2   | Ilford -                       | 8493   | 7645  | 3       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |
| 3   | Barking Town -                 | 4127   | 9203  | 20      | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -                  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Norton in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 1st September, 1888.**

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |  |                                   |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|--|-----------------------------------|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  |  | Deaths in Public<br>Institutions. |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |  |                                   |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |  |                                   |  |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 15.5  | 2.9                                   | 1644                             | 543                                       | 297  | -           | 40       | 20                | 24          | 31                  | 13     | 184        | 64        | 322 |  |  |                                   |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 16.4  | 3.1                                   | 1342                             | 441                                       | 245  | -           | 39       | 15                | 23          | 24                  | 11     | 144        | 53        | 292 |  |  |                                   |  |
| OUTER RING -              | 370,924  | 1,244,965                                      | 12.7  | 2.3                                   | 302                              | 102                                       | 52   | -           | 1        | 5                 | 1           | 7                   | 2      | 40         | 11        | 30  |  |  |                                   |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal 700,522 square miles, which is equivalent to the area of a circle having a radius of 14,933 miles.

**TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.**

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending |    | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                           |
|----------------------------------|---------------------------------------|-----------------------------|----|---------------------------------|---------|------------------------------------|--|
| CALCUTTA - -                     | 433,219                               | July                        | 21 | -                               | 169     | 19.1                               | Cholera 12; fevers 41.                                   |
| BOMBAY - -                       | 773,196                               | August                      | 7  | 304                             | 454     | 26.2                               | Chol. 19; fevs. 135; d. dis. 57.                         |
| MADRAS - -                       | 398,777                               | July                        | 13 | 310                             | 214     | 28.0                               | Fevs. 41; diarr. dis. 31.                                |
|                                  |                                       | "                           | 20 | 323                             | 232     | 30.4                               | Fevs. 54; diar. dis. 40.                                 |
| PARIS - - -                      | 2,260,945                             | August                      | 25 | 1132                            | 910     | 20.9                               | Typhoid fever 11; diph. & cp. 25; meas. 18; d. dis. 174. |
| BRUSSELS - - (with 8 Faubourgs.) | 462,069                               | "                           | 25 | 228                             | 193     | 21.7                               | Measles 3; diarrhoeal diseases 48.                       |
| AMSTERDAM -                      | 390,016                               | "                           | 25 | 294                             | 153     | 20.3                               | Whooping-cough 6.  |
| ROTTERDAM -                      | 183,658                               | "                           | 25 | 133                             | 69      | 18.5                               | Scarlet fever 1.   |
| THE HAGUE -                      | 149,477                               | "                           | 25 | 98                              | 65      | 22.6                               | Measles 1.   |
| COPENHAGEN                       | 800,000                               | "                           | 21 | 215                             | 118     | 20.5                               | Diphtheria 4; whooping-cough 9; diarr. dis. 14.          |
| STOCKHOLM -                      | 221,549                               | "                           | 18 | 122                             | 75      | 17.6                               | Scar. fev. 3; diar. dis. 17.                             |
| CHRISTIANIA -                    | 135,600                               | "                           | 25 | 70                              | 55      | 21.1                               | Diarrhoeal diseases 22.                                  |
| ST. PETERSBURG                   | 842,883                               | "                           | 18 | -                               | 503     | 31.1                               | Typhus and typh. fev. 9; diph. & cp. 10; d. dis. 131.    |
| BERLIN - -                       | 1,438,006                             | "                           | 11 | 917                             | 612     | 22.2                               | Diph. 13; typ. & typh. fev. 6; diar. dis. 199.           |
| HAMBURG (State)                  | 550,694                               | "                           | 18 | 416                             | 182     | 17.2                               | Measles 10; diph. and croup 6; diar. dis. 14.            |
| DRESDEN - -                      | 259,142                               | "                           | 18 | 156                             | 138     | 27.7                               | Diphtheria and croup 2; diarrhoeal diseases 40.          |
| BRESLAU - -                      | 313,451                               | "                           | 25 | 197                             | 156     | 26.4                               | Diphtheria 6; typ. & typh. fev. 5; diarr. dis. 33.       |
| MUNICH - -                       | 275,000                               | "                           | 18 | 190                             | 187     | 35.4                               | Diphtheria and croup 5; diarrhoeal diseases 64.          |
| VIENNA - -                       | 800,836                               | "                           | 18 | 509                             | 345     | 22.4                               | Diph. 2; typh. fev. 2; diar. dis. 66.                    |
| PRAGUE - -                       | 295,857                               | "                           | 18 | -                               | 158     | 27.9                               | Sm.-pox 8; diphtheria 5; typhoid fever 2.                |
| BUDA-PESTH -                     | 442,787                               | "                           | 18 | 305                             | 293     | 34.4                               | Diph. 3; scar. fev. 2; diar. dis. 91.                    |
| TRIESTE - -                      | 156,042                               | "                           | 18 | -                               | 75      | 25.0                               | Small-pox 5; diar. dis. 9.                               |
| ROME - -                         | 383,300                               | July                        | 14 | 230                             | 209     | 28.1                               | Diphtheria 4; meas. 5; diar. dis. 40.                    |
| TURIN (10 days)                  | 294,826                               | August                      | 10 | 221                             | 147     | 18.2                               | Typh. fev. 2; diph. 2; diar. dis. 26.                    |
| VENICE - -                       | 150,502                               | "                           | 18 | 99                              | 73      | 25.3                               | Typh. fev. 2; diar. dis. 10.                             |
| CAIRO - -                        | 374,838                               | "                           | 9  | 311                             | 501     | 69.7                               | Typhd. fev. 13; meas. 9; diar. dis. 250.                 |
| ALEXANDRIA -                     | 231,396                               | "                           | 9  | 145                             | 232     | 52.3                               | Typh. fev. 3; diarr. dis. 85.                            |
| NEW YORK -                       | 1,493,000                             | "                           | 11 | -                               | 846     | 29.6                               | Diph. 27; scar. fev. 14; wh.-cgh. 15; diar. dis. 193.    |
| BROOKLYN -                       | 774,870                               | "                           | 11 | -                               | 366     | 24.1                               | Diph. 17; typh. fev. 3; diar. dis. 93.                   |
| PHILADELPHIA -                   | 1,016,753                             | "                           | 11 | -                               | 508     | 26.1                               | Typh. fev. 37; sm.-pox 2; diar. dis. 97.                 |
| BALTIMORE -                      | 431,879                               | "                           | 11 | -                               | 270     | 32.6                               | Typh. fev. 5; diph. 3; diar. dis. 76.                    |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 1st SEPTEMBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.<br><br>MONTH AND<br>DAY. | Phases<br>of the<br>Moon. | TEMPERATURE.    |   |               |              |               |              |  |                         |  |                         | TEMPERATURE.   |                  |  |                                 |                        |  |   |              |      |      | Wind as deduced from Anemometers. |                                 |                                 |  |  |  |   |   |   |  | Rain<br>collected<br>in a<br>Gauge<br>whose<br>receiving<br>surface is<br>5 inches<br>square<br>above<br>the<br>Average<br>of the<br>Ground. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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|                                |                           | BARO-<br>METER. | Of the Air.   |               |              |               |              | Difference between<br>the Air Temperature<br>and the<br>Thermometer. |                         |  |                         |                | Of<br>Radiation. |  |                                 |                        |  | Of the Water<br>of the Thames<br>at Deptford. |              |      |      |                                   | Oiler's.                        |                                 |  |  |  | Robinson's.   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                                |                           |                 | Mean<br>daily<br>reading<br>(cor-<br>rected<br>to<br>55° 32<br>Fahr-<br>en-<br>heit). | High-<br>est. |              | Low-<br>est.  |              | Daily<br>Range.  | Mean<br>Daily<br>value. | De-<br>parture<br>from<br>average<br>of<br>50 years. | Mean<br>daily<br>value. | Great-<br>est. | Least.           | Degree<br>of Hu-<br>midity<br>(Satu-<br>rated<br>100). | High-<br>est.<br>Sun's<br>Rays. | Low-<br>est.<br>Grass. | High-<br>est.<br>on the<br>Sun's<br>Grass. | General Direction.                            |              |      |      |                                   | Pressure on the<br>Square Foot. |                                 |  |  |  | Horizontal<br>Movement<br>of the Air<br>on each<br>Day. | Vertical<br>Movement<br>of the Air<br>on each<br>Day. | Depart-<br>ure from<br>Average<br>of 10<br>Years. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                                |                           |                 |   | High-<br>est. | Low-<br>est. | High-<br>est. | Low-<br>est. |  |                         |  |                         |                |                  |  |                                 |                        |  | High-<br>est.                                 | Low-<br>est. | A.M. | P.M. | Great-<br>est.                    | Least.                          | Mean<br>of 24<br>hourly<br>obs. |  |  |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| AUGUST.                        |                           | in.             |   |               |              |               |              |  |                         |  |                         |                |                  |  |                                 |                        |  |   |              |      |      |                                   |                                 |                                 |  |  |  |   |   |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are +, -, E, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.70 in. at the beginning of the week to 29.80 in. by 9h. A.M. on the 28th; increased to 29.92 in. by 9h. on the 29th; increased to 29.93 in. by 9h. on the 30th; and decreased to 29.92 in. by 9h. on the 31st.

## GENERAL REMARKS.

Generally cloudy till evening; slight rain in afternoon; night fine.

Cloudy; fine; solar halo visible before noon.

Generally overcast; frequent rain, heavy in afternoon. Gale of wind at night.

Rain in early morning and in afternoon; otherwise fine.

Fine till noon; brief thunderstorms, with rain at intervals, till evening; fine afterwards.

Fine with small amount of cloud; lightning seen occasionally in evening.

Lightning seen shortly after midnight; fine with small amount of cloud till evening; generally overcast afterwards.

| DATE.      | August. | Electricity.<br>(For explanation of<br>symbols, see Note.) | Registered Sun above<br>Horizon,<br>in hours. | Sum  |
|------------|---------|--|---|------|
| SUNDAY     | 26      |  | 3.7   | 13.9 |
| MONDAY     | 27      |  | 3.4   | 13.8 |
| TUESDAY    | 28      |  | 0.0   | 13.8 |
| WEDNESDAY  | 29      | No record. Instru-<br>ment under exami-<br>nation.         | 4.9   | 13.7 |
| THURSDAY   | 30      |  | 6.3   | 13.7 |
| FRIDAY     | 31      |  | 7.6   | 13.6 |
| SEPTEMBER. | 1       |  | 5.8   | 13.5 |
|            |         |  | Sum   | Sum  |
|            |         |  | 32.2  | 96.0 |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 36. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, SEPTEMBER 8. [Price 1½d.

General Register Office, Somerset House,  
10th September, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·8 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.             | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|--------------------|--------------|-------------|-------------|-------------|
|              | Aug.<br>18.  | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. |                    | Aug.<br>18.  | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. |
| Birkenhead   | 13·0         | 13·6        | 19·3        | 19·3        | Liverpool -        | 18·1         | 22·6        | 19·7        | 22·4        |
| Birmingham   | 13·0         | 13·4        | 17·1        | 17·8        | London -           | 16·2         | 17·5        | 16·4        | 16·0        |
| Blackburn -  | 14·9         | 18·0        | 14·9        | 20·6        | Manchester -       | 22·8         | 23·5        | 24·1        | 22·6        |
| Bolton -     | 12·9         | 19·3        | 21·6        | 21·6        | Newcastle-on-Tyne* | 17·1         | 17·1        | 22·3        | 18·1        |
| Bradford*    | 14·5         | 16·4        | 15·2        | 16·1        | Norwich -          | 17·3         | 19·5        | 21·7        | 25·1        |
| Brighton -   | 16·1         | 13·0        | 17·0        | 13·9        | Nottingham*        | 12·9         | 15·4        | 12·0        | 15·1        |
| Bristol -    | 13·4         | 11·5        | 11·5        | 12·7        | Oldham -           | 14·7         | 13·6        | 16·2        | 18·9        |
| Cardiff*     | 19·7         | 17·8        | 15·4        | 18·3        | Plymouth -         | 20·1         | 17·5        | 10·1        | 19·5        |
| Derby -      | 20·6         | 13·0        | 15·2        | 15·7        | Portsmouth -       | 13·5         | 17·9        | 20·6        | 14·2        |
| Halifax -    | 15·0         | 23·4        | 18·2        | 21·5        | Preston -          | 14·7         | 31·8        | 22·7        | 24·8        |
| Huddersfield | 13·7         | 14·3        | 17·1        | 18·8        | Salford*           | 18·0         | 20·3        | 16·6        | 18·9        |
| Hull -       | 14·2         | 15·7        | 16·5        | 15·5        | Sheffield -        | 20·6         | 17·0        | 18·3        | 20·6        |
| Leeds -      | 19·0         | 24·1        | 25·3        | 24·4        | Sunderland -       | 13·4         | 13·1        | 20·6        | 15·4        |
| Leicester*   | 16·0         | 27·4        | 21·0        | 22·8        | Wolverhampton -    | 16·6         | 28·7        | 14·7        | 15·3        |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·1 in Leicester; from *scarlet fever*, 3·1 in Blackburn; from *whooping-cough*, 2·2 in Norwich; and from *diarrhoea*, 3·6 in Birmingham and in Sunderland, 4·1 in Bolton, 4·7 in Sheffield, 5·3 in Leeds, 6·1 in Norwich, 8·9 in Leicester, and 9·1 in Preston. The death-rate from "*fever*" did not reach 1·0 per 1000 in any of the twenty-eight towns. The 28 deaths from *diphtheria* in these towns included 18 in London, 2 in Brighton, 2 in Manchester, 2 in Sheffield, and 3 in Newcastle-upon-Tyne. *Small-pox* caused no death in any of the twenty-eight great towns.

## LONDON.

In LONDON† 2475 BIRTHS and 1316 DEATHS were registered. Allowing for increase of population, the births were 264, and the deaths 130, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·5 and 16·4 in the two preceding weeks, further declined last week to 16·0. During the first ten weeks of the current quarter the death-rate averaged 16·2 per 1000, and was 4·1 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1316 deaths included 26 from measles, 19 from scarlet fever, 18 from diphtheria, 32 from whooping-cough, 11 from enteric fever, one from an undefined form of continued fever, 131 from diarrhœa and dysentery, 3 from cholera and choleraic diarrhœa, and not one from small-pox or typhus; thus, 241 deaths were referred to these diseases, being 43 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 7; no small-pox patients were under treatment in the Metropolitan Asylum Hospitals, and only one in the Highgate Small-pox Hospital, on Saturday last. The fatal cases of *measles*, which had been 47 and 39 in the two preceding weeks, further declined last week to 26, but exceeded the corrected average by 4; 4 belonged to Marylebone, 3 to Pancras, and 4 to Poplar sanitary areas. The 19 deaths from *scarlet fever* showed an increase of 4 upon the number in the previous week, but were 20 below the corrected average; 2 belonged to Islington, 2 to Bethnal Green, 2 to Mile End Old Town, 3 to Poplar, and 2 to Lewisham sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 805 scarlet fever patients, against 774, 783, and 793 in the three preceding weeks; 79 cases were admitted during the week, against 66, 83, and 93 in the three previous weeks. The fatal cases of *diphtheria*, which had been 13, 17, and 23 in the three preceding weeks, declined again last week to 18, but exceeded the corrected average by 2; 3 belonged to Kensington, 2 to Marylebone, 2 to Hackney, 2 to Shoreditch, 2 to Camberwell, and 2 (at 50, Dartmouth Road,) to Lewisham sanitary areas. The 32 fatal cases of *whooping-cough* exceeded the number returned in any recent week, but were 5 below the corrected average; 3 belonged to Hackney, 3 to Clerkenwell, and 4 to Shoreditch sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 192 and 144 in the two preceding weeks, further declined last week to 131, and were 6 below the corrected average; 125 were of children under five years of age, including 96 of infants under one year of age. The deaths of 3 infants under the age of one year were referred to *cholera sporadica*, *cholera infantum*, and *choleraic diarrhœa*.

The deaths referred to *enteric fever*, which had been 2, 7, and 10 in the three preceding weeks, further rose last week to 11, but were 8 below the corrected average; 3 belonged to Islington and 2 to Mile End Old Town sanitary areas. The Metropolitan Asylum Hospitals contained 74 cases of enteric fever, but not one of typhus, on Saturday last; 10 cases of enteric fever were admitted during the week, against 10 and 7 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 172 and 130 in the two preceding weeks, rose again last week to 148, but were 21 below the corrected average.

Different forms of violence caused 32 deaths; 28 were the result of negligence or accident, among which were 10 from fractures and contusions, 4 from burns and scalds, 5 from drowning, and 6 of infants under one year of age from suffocation. The 10 deaths from fractures and contusions were thus caused:—1 by accident on railway; 3 by fall down stairs; 1 by fall from roof; 1 by fall in street; 1 by fall, the nature of which was not stated; 1 by injuries received from falling timber; 1 by being crushed by barge; and 1 by fracture the cause of which was not stated. An inquest was held in each of these cases. Three deaths by suicide were registered, the corrected average being 8.

The death of a journeyman tailor, formerly of Whitechapel, whose age was stated to be 103 years, occurred on 4th instant, in the Hand-in-hand Asylum at Hackney.

#### GREATER LONDON.

In Greater London 3249 births and 1630 deaths were registered, corresponding to annual rates of 30·7 and 15·4 per 1000 of the estimated population. In the Outer Ring 33 deaths from diarrhœa, 7 from measles, 6 from scarlet fever, and 5 from whooping-cough, were registered. Of the fatal cases of diarrhœa, 6 occurred in Stratford, 4 in Tottenham, 3 in Bromley, 3 in Willesden, and 3 in Leyton sub-districts. The deaths from measles included 3 in Tottenham and 2 in West Ham sub-districts; and 4 of the 6 fatal cases of scarlet fever occurred in West Ham sub-district.

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Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during August will be found on pages 369-370.

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## METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·90 ins.; the lowest reading was 29·75 ins. on Monday afternoon, and the highest was 30·22 ins. at the end of the week. The mean temperature of the *air* was 57·1, and 2·4 below the average in the corresponding weeks of the 20 years ending 1868. The mean showed a slight excess on Wednesday, but was below the average during the other days of the week. The general direction of the *wind* was South-Westerly, and the horizontal movement of the air averaged 12·6 miles per hour, which was 1·6 miles above the average in the corresponding weeks of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 0·16 of an inch. The duration of registered bright sunshine in the week was 20·8 hours, against 27·2 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of AUGUST 1888; according to their returns 172,869,385 gallons or 785,425 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 233 gallons (105·9 decalitres), rather more than a *ton* by weight, to each house, and 29·9 gallons (13·6 decalitres) to each person, against 31·3 gallons during August 1887.

| COMPANIES.                          | Number of Houses, &c.<br>supplied in |                  | Average daily Supply of Water<br>in Gallons. |                  |
|-------------------------------------|--------------------------------------|------------------|--|------------------|
|                                     | AUGUST.<br>1887.                     | AUGUST.<br>1888. | AUGUST.<br>1887.                             | AUGUST.<br>1888. |
| TOTAL SUPPLY . . .                  | 728,479                              | 741,399          | 177,602,256                                  | 172,869,385      |
| From Thames . . . . .               | 351,278                              | 357,392          | 93,246,643                                   | 85,944,463       |
| From Lea and from other Sources . . | 377,201                              | 384,007          | 84,355,613                                   | 86,924,922       |
| THAMES.                             |                                      |                  |  |                  |
| Chelsea . . . . .                   | 34,534                               | 34,653           | 11,559,931                                   | 9,642,824        |
| West Middlesex . . . . .            | 69,290                               | 70,486           | 16,557,974                                   | 15,724,078       |
| Southwark and Vauxhall . . . . .    | 108,221                              | 109,897          | 26,336,925                                   | 24,672,099       |
| Grand Junction . . . . .            | 53,522                               | 54,632           | 18,346,513                                   | 17,291,962       |
| Lambeth . . . . .                   | 85,711                               | 87,724           | 20,445,300                                   | 18,618,500       |
| LEA AND OTHER SOURCES.              |                                      |                  |  |                  |
| New River . . . . .                 | 148,876                              | 150,673          | 34,385,000                                   | 32,214,000       |
| East London . . . . .               | 159,116                              | 162,402          | 36,305,601                                   | 41,923,584       |
| Kent . . . . .                      | 69,209                               | 70,932           | 13,665,012                                   | 12,787,338       |

Note.—The Return for August 1888, compared with that for the corresponding month of 1887, shows an increase of 12,920 houses, and a decrease of 4,732,871 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING AUGUST.

Grove House, Pembridge Square, W.,  
7th September, 1888.

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of August.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·7, New River 0·9, Tottenham 1·1, East London 1·3, Colne Valley 1·5, Grand Junction 1·88, West Middlesex 1·8, Lambeth 2·3, Southwark 2·4, Chelsea 2·8.

The average proportion of organic matter in the Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies which had in the previous month exhibited an increase, suffered in August an almost equally marked diminution, the latter being most conspicuous in the samples of the West Middlesex and Grand Junction Companies' supplies. All the samples were clear and bright.

The water principally derived from the Lea, and distributed by the New River and East London Companies contained less organic matter than any of the Thames supplies. Both samples were clear and bright.

The deep-well waters of the Kent and Colne Valleys Companies and of the Tottenham Local Board of Health contained, as usual, only a very small proportion of organic matter, and the Colne Valley Company by softening their supply with lime thereby rendered it also of excellent quality for washing and all other domestic purposes. The sample of the Colne Valley Company's supply was very slightly turbid, apparently due to the presence of a trace of carbonate of lime in suspension.



Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, New River, and Tottenham, clear and colourless; East London, clear and nearly colourless; West Middlesex, Southwark, Grand Junction, and Lambeth, clear and very pale yellow; Chelsea, clear and pale yellow; Colne Valley, very slightly turbid and colourless.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town "was both physically and chemically considerably purer than in the previous month."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES. | Date<br>and Place of Collection.  | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|------------------------------------|---|---------------------------------------|---------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                      | THAMES.   |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Chelsea - - - { August 30th,<br>Cab Rank, Horseguards,<br>Whitehall. }                      | 17°0                                  | 27·28                     | ·136            | ·031              | 0        | ·186                                     | ·217                        | 1·7       | 19·1            |
|                                    | West Middlesex - { August 30th,<br>Cab Rank, Portland-road. }                               | 17°0                                  | 27·30                     | ·088            | ·018              | 0        | ·181                                     | ·199                        | 1·7       | 19·1            |
|                                    | Southwark - - - { August 30th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. }           | 16°8                                  | 27·86                     | ·122            | ·020              | 0        | ·183                                     | ·203                        | 1·7       | 20·6            |
|                                    | Grand Junction - { August 30th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. }          | 16°5                                  | 26·50                     | ·090            | ·016              | 0        | ·214                                     | ·230                        | 1·6       | 20·0            |
|                                    | Lambeth - - - { August 30th,<br>Cab Rank, St. George's-<br>road, Southwark. }               | 17°0                                  | 27·70                     | ·120            | ·018              | 0        | ·224                                     | ·242                        | 1·7       | 20·9            |
|                                    | LEA.  |                                       |                           |                 |                   |          |  |                             |           |                 |
| Outer Circle.                      | New River - - - { August 30th,<br>Cab Rank, Tottenham<br>Court-road. }                      | 16°7                                  | 27·80                     | ·041            | ·015              | 0        | ·212                                     | ·227                        | 1·8       | 21·2            |
|                                    | East London - - { August 30th,<br>Fire Brigade Station,<br>Commercial-road, E. }            | 16°0                                  | 30·50                     | ·060            | ·016              | 0        | ·253                                     | ·269                        | 1·9       | 22·4            |
|                                    | DEEP WELLS.   |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Kent - - - - { August 30th,<br>Mill Lane, Deptford. }                                       | 13°5                                  | 35·10                     | ·031            | ·009              | 0        | ·491                                     | ·500                        | 2·2       | 28·7            |
|                                    | { Colne Valley - - { August 31st,<br>Bushey. }  | —                                     | 15·56                     | ·075            | ·014              | 0        | ·447                                     | ·461                        | 2·1       | 6·6             |
|                                    | { Tottenham - - { August 8th,<br>Tottenham. }   | —                                     | 38·40                     | ·052            | ·010              | ·060     | ·061                                     | ·120                        | 2·6       | 22·1            |
|                                    | Corporation of Birming-<br>ham* - - - - { August 1st,<br>2, Court, Ravenhurst-<br>street. } | 13°3                                  | 24·88                     | ·142            | ·019              | ·001     | ·198                                     | ·218                        | 1·9       | 13·6            |
|                                    | Corporation of Glasgow†<br>- - - - { August 15th,<br>Loch Katrine Water. }                  | 13°5                                  | 2·50                      | ·122            | ·031              | 0        | ·004                                     | ·035                        | ·7        | 1·0             |
| Column 1.                          | 2.  | 3.                                    | 4.                        | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 30th August at the Horseguards cab-rank, had a temperature of 17°·0 C.; 100,000 lbs. of it contained 27·28 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·136 lb. of carbon and ·031 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·186 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·217 lb. The above quantity of water also contained 1·7 lbs. of chlorine; and 19·1 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>estimated<br>in the<br>middle of<br>1886. | Registered during<br>the week ending<br>8th Sept., 1886. |         |                                    | Deaths of<br>Persons aged<br>60 Years<br>and upwards. | Deaths from |          |                   |             |                     |        |            |           |  |                     | Inquest Cases. | TEMPERATURE OF THE AIR.      |              |          |         | RAINFALL.   |             | CITIES<br>AND<br>BOROUGHES. |            |                      |                |
|-----------------------------|---|--|---------|------------------------------------|---|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|--|---------------------|----------------|------------------------------|--------------|----------|---------|-------------|-------------|-----------------------------|------------|----------------------|----------------|
|                             |   | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age. |   | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Rever. | Diarrhoea. | Violence. | Un-<br>certified<br>Deaths in<br>Public<br>Institutions. | From All<br>Causes. |                | From<br>Diseases in<br>Week. | Colts. 6-12. | Highest. | Lowest. | Fahrenheit. | Centigrade. |                             | In Inches. | In Centi-<br>metres. |                |
|                             |   |  |         |                                    |   |             |          |                   |             |                     |        |            |           |  |                     |                |                              |              |          |         |             |             |                             |            |                      |                |
| Cols.                       | 1.  | 2.   | 3.      | 4.                                 | 5.  | 6.          | 7.       | 8.                | 9.          | 10.                 | 11.    | 12.        | 13.       | 14.  | 15.                 | 16.            | 17.                          | 18.          | 19.      | 20.     | 21.         | 22.         | 23.                         | 24.        | Cols.                |                |
| 28 TOWNS*                   | 9,398,273   | 5539   | 3205    | 1086                               | 633   | -           | 41       | 55                | 28          | 66                  | 34     | 414        | 82        | 164  | 504                 | 66             | 17.8                         | 3.5          | 70.4     | 38.5    | 54.9        | 12.72       | 0.40                        | 1.02       | - 28 TOWNS.          |                |
| LONDON*                     | 4,282,921   | 2475   | 1316    | 426                                | 265   | -           | -        | -                 | -           | 32                  | 12     | 131        | 32        | 71   | 296                 | 14             | 16.0                         | 2.9          | 70.4     | 45.0    | 57.1        | 13.94       | 0.16                        | 0.41       | LONDON.              |                |
| BRIGHTON                    | 119,983   | 66   | 32      | 10                                 | 9   | -           | -        | -                 | 2           | 1                   | 2      | 1          | 1         | 1  | 5                   | 1              | 13.9                         | 3.0          | 65.7     | 45.7    | 57.1        | 13.94       | 0.24                        | 0.61       | BRIGHTON.            |                |
| PORTSMOUTH                  | 189,575   | 94   | 38      | 12                                 | 6   | -           | -        | -                 | 1           | -                   | -      | 5          | 2         | 2  | 3                   | 1              | 14.2                         | 2.2          | -        | -       | -           | -           | -                           | -          | PORTSMOUTH.          |                |
| NORWICH                     | 93,675  | 55   | 45      | 21                                 | 11  | -           | -        | 1                 | -           | -                   | -      | 11         | -         | 1  | 1                   | -              | 25.1                         | 8.9          | -        | -       | -           | -           | -                           | -          | NORWICH.             |                |
| PLYMOUTH                    | 77,674  | 58   | 29      | 10                                 | 11  | -           | -        | -                 | -           | -                   | -      | 2          | 2         | 2  | 4                   | -              | 19.5                         | 1.3          | 66.0     | 47.0    | 56.0        | 13.33       | 0.54                        | 1.37       | PLYMOUTH.            |                |
| BRISTOL                     | 226,510   | 103  | 55      | 10                                 | 12  | -           | 1        | 2                 | -           | 1                   | 1      | 3          | 2         | 2  | 12                  | 2              | 12.7                         | 1.8          | 68.2     | 42.7    | 54.5        | 12.50       | 0.60                        | 1.52       | BRISTOL.             |                |
| WOLVERHAMPTON               | 81,601  | 64   | 24      | 13                                 | 6   | -           | -        | 1                 | -           | -                   | -      | -          | 3         | -  | 1                   | 5              | -                            | 15.3         | 2.6      | 68.1    | 38.5        | 53.6        | 12.00                       | 0.72       | 1.83                 | WOLVERHAMPTON. |
| BIRMINGHAM                  | 447,912   | 303  | 153     | 54                                 | 19  | -           | 2        | 1                 | -           | 2                   | -      | 31         | 2         | 9  | 26                  | 2              | 17.8                         | 4.2          | -        | -       | -           | -           | -                           | -          | BIRMINGHAM.          |                |
| LEICESTER*                  | 146,790   | 86   | 64      | 38                                 | 6   | -           | 3        | -                 | -           | 1                   | 25     | 1          | 3         | 5  | 1                   | 22.8           | 10.3                         | -            | -        | -       | -           | -           | -                           | -          | LEICESTER.           |                |
| NOTTINGHAM*                 | 230,921   | 141  | 67      | 21                                 | 18  | -           | -        | -                 | -           | -                   | 1      | 11         | 1         | 1  | 5                   | 1              | 15.1                         | 2.7          | 68.0     | 41.4    | 54.9        | 12.72       | 0.56                        | 1.42       | NOTTINGHAM.          |                |
| DERBY                       | 96,241  | 53   | 29      | 9                                  | 8   | -           | -        | -                 | -           | -                   | -      | 1          | 2         | 4  | 4                   | -              | 15.7                         | 0.5          | -        | -       | -           | -           | -                           | -          | DERBY.               |                |
| BIRKENHEAD                  | 100,093   | 50   | 37      | 13                                 | 6   | -           | -        | 1                 | -           | -                   | -      | -          | 1         | 2  | 4                   | -              | 19.3                         | 1.0          | -        | -       | -           | -           | -                           | -          | BIRKENHEAD.          |                |
| LIVERPOOL                   | 539,738   | 309  | 257     | 94                                 | 38  | -           | 2        | 2                 | -           | 7                   | 4      | 37         | 7         | 14   | 23                  | 15             | 22.4                         | 4.5          | 62.2     | 44.7    | 54.9        | 12.72       | 0.41                        | 1.04       | LIVERPOOL.           |                |
| BOLTON                      | 113,506   | 73   | 47      | 14                                 | 12  | -           | -        | 1                 | -           | -                   | -      | 9          | 1         | 2  | 2                   | -              | 21.6                         | 4.6          | -        | -       | -           | -           | -                           | -          | BOLTON.              |                |
| MANCHESTER                  | 378,164   | 224  | 164     | 54                                 | 21  | -           | 2        | 6                 | 2           | 2                   | 2      | 13         | 4         | 11   | 29                  | 4              | 22.6                         | 3.7          | -        | -       | -           | -           | -                           | -          | MANCHESTER.          |                |
| SALFORD*                    | 226,336   | 127  | 82      | 30                                 | 15  | -           | -        | 2                 | 1           | -                   | 1      | 12         | 1         | 3  | 15                  | 2              | 18.9                         | 3.7          | -        | -       | -           | -           | -                           | -          | SALFORD.             |                |
| OLDHAM                      | 138,220   | 76   | 50      | 16                                 | 9   | -           | -        | -                 | -           | 2                   | -      | 2          | 2         | 2  | 6                   | -              | 18.9                         | 1.5          | -        | -       | -           | -           | -                           | -          | OLDHAM.              |                |
| BLACKBURN                   | 119,039   | 49   | 47      | 9                                  | 15  | -           | -        | 7                 | -           | -                   | -      | -          | -         | 8  | -                   | -              | 20.6                         | 3.5          | -        | -       | -           | -           | -                           | -          | BLACKBURN.           |                |
| PRESTON                     | 103,234   | 68   | 49      | 23                                 | 6   | -           | -        | -                 | -           | -                   | 1      | 18         | 1         | 2  | 1                   | -              | 24.8                         | 9.6          | -        | -       | -           | -           | -                           | -          | PRESTON.             |                |
| HUDDESFIELD                 | 91,419  | 57   | 33      | 6                                  | 17  | -           | -        | -                 | -           | 1                   | -      | 3          | 2         | 1  | 5                   | 1              | 18.8                         | 2.3          | -        | -       | -           | -           | -                           | -          | HUDDESFIELD.         |                |
| HALIFAX                     | 80,133  | 45   | 33      | 9                                  | 7   | -           | -        | 1                 | -           | 1                   | -      | 1          | -         | -  | 4                   | 2              | 21.5                         | 2.0          | -        | -       | -           | -           | -                           | -          | HALIFAX.             |                |
| BRADFORD*                   | 229,721   | 116  | 71      | 17                                 | 24  | -           | 2        | -                 | -           | -                   | -      | 7          | 2         | 4  | 7                   | 1              | 16.1                         | 2.0          | 66.6     | 47.0    | 55.9        | 13.28       | 0.17                        | 0.43       | BRADFORD.            |                |
| LEEDS                       | 351,210   | 199  | 164     | 60                                 | 30  | -           | 1        | 4                 | -           | -                   | 3      | 36         | 6         | 12   | 11                  | 4              | 24.4                         | 7.1          | -        | -       | -           | -           | -                           | -          | LEEDS.               |                |
| SHEFFIELD                   | 821,711   | 212  | 127     | 59                                 | 16  | -           | 1        | 4                 | -           | 4                   | 4      | 1          | 29        | 1  | 6                   | 2              | 20.6                         | 6.6          | -        | -       | -           | -           | -                           | -          | SHEFFIELD.           |                |
| HULL                        | 202,359   | 138  | 60      | 18                                 | 20  | -           | -        | -                 | -           | 1                   | 2      | 5          | 2         | 2  | 5                   | 3              | 15.5                         | 2.1          | 69.0     | 48.0    | 55.1        | 12.83       | 0.28                        | 0.71       | HULL.                |                |
| SUNDERLAND                  | 181,919   | 87   | 39      | 10                                 | 6   | -           | -        | -                 | -           | -                   | -      | 2          | 3         | 2  | 4                   | -              | 15.4                         | 5.5          | 65.0     | 44.0    | 53.2        | 11.78       | 0.21                        | 0.53       | SUNDERLAND.          |                |
| NEWCASTLE*                  | 159,003   | 112  | 55      | 12                                 | 14  | -           | -        | -                 | 1           | 3                   | 1      | 3          | 2         | 3  | 7                   | 1              | 18.1                         | 2.6          | 63.0     | 45.0    | 52.1        | 11.17       | 0.47                        | 1.19       | NEWCASTLE.           |                |
| CARDIFF*                    | 108,570   | 99   | 38      | 12                                 | 6   | -           | 1        | -                 | -           | -                   | 1      | 4          | 2         | 3  | 9                   | -              | 18.3                         | 2.9          | -        | -       | -           | -           | -                           | -          | CARDIFF.             |                |
| EDINBURGH                   | 262,733   | 134  | 85      | 20                                 | 22  | -           | -        | -                 | -           | 1                   | -      | 2          | 3         | ?  | 19                  | 11             | 16.9                         | 0.6          | 64.0     | 37.5    | 54.0        | 12.22       | 0.09                        | 0.23       | EDINBURGH.           |                |
| GLASGOW                     | 526,088   | 330  | 187     | 43                                 | 29  | -           | 4        | -                 | -           | 6                   | 3      | 2          | 14        | 4  | ?                   | 26             | 20                           | 18.5         | 2.9      | -       | -           | -           | -                           | -          | GLASGOW.             |                |
| DUBLIN                      | 353,982   | 180  | 147     | 37                                 | 30  | -           | 1        | 2                 | 1           | 2                   | 3      | 12         | 3         | 2  | 38                  | 18             | 21.7                         | 3.1          | 65.3     | 38.8    | 55.0        | 12.78       | 0.16                        | 0.41       | DUBLIN.              |                |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-SIXTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2416 | 2646 | 2463 | 2513 | 2566 | 2434 | 2574 | 2330 | 2557 | 2619 | 2739.0   | 2475 |
| Males               | 1233 | 1327 | 1293 | 1281 | 1264 | 1214 | 1334 | 1164 | 1318 | 1324 | 1383.9   | 1234 |
| Females             | 1183 | 1319 | 1231 | 1232 | 1302 | 1220 | 1240 | 1166 | 1239 | 1295 | 1355.1   | 1241 |
| <b>TOTAL Deaths</b> | 1260 | 1393 | 1391 | 1229 | 1322 | 1257 | 1529 | 1221 | 1312 | 1349 | 1446.3   | 1316 |
| Males               | 639  | 766  | 748  | 653  | 711  | 653  | 767  | 614  | 684  | 659  | 751.8  | 670  |
| Females             | 621  | 627  | 643  | 576  | 611  | 604  | 762  | 607  | 628  | 690  | 694.5  | 646  |

\* The numbers in this column are the average weekly numbers in the thirty-sixth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—Births, Deaths\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | June<br>16. | June<br>23. | June<br>30. | July<br>7. | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. |
|--|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|
| <b>TOTAL Births</b>                          | -           | -           | 2399        | 2534       | 2289        | 2348        | 2520        | 2385       | 2353        | 2530        | 2228        | 2674        | 2475        |
| <b>TOTAL Deaths</b>                          | -           | -           | 1167        | 1190       | 1238        | 1211        | 1288        | 1297       | 1308        | 1309        | 1476        | 1330        | 1316        |
| 0-20   | -           | -           | 503         | 536        | 562         | 576         | 628         | 636        | 670         | 726         | 816         | 713         | 838         |
| 20-40  | -           | -           | 176         | 149        | 171         | 172         | 160         | 168        | 155         | 131         | 174         | 173         | 138         |
| 40-60  | -           | -           | 208         | 226        | 213         | 208         | 229         | 242        | 206         | 205         | 228         | 177         | 202         |
| 60-80  | -           | -           | 234         | 242        | 241         | 205         | 230         | 202        | 217         | 195         | 217         | 217         | 221         |
| at 80 years & upwds.                         | -           | -           | 46          | 37         | 51          | 50          | 41          | 49         | 60          | 52          | 41          | 50          | 39          |
| Deaths of children                           |             |             |             |            |             |             |             |            |             |             |             |             |             |
| Under 1 year                                 | -           | -           | 251         | 281        | 297         | 302         | 359         | 384        | 385         | 449         | 493         | 444         | 500         |
| 1-5  | -           | -           | 163         | 155        | 178         | 203         | 182         | 177        | 186         | 200         | 233         | 187         | 260         |
| 5-20   | -           | -           | 89          | 100        | 87          | 71          | 87          | 75         | 99          | 77          | 90          | 82          | 73          |
| Deaths from Small-pox                        | -           | -           | -           | -          | -           | 1           | 1           | -          | -           | -           | -           | -           | -           |
| " " Measles                                  | -           | -           | 21          | 18         | 20          | 23          | 26          | 25         | 40          | 29          | 51          | 33          | 47          |
| " " Scarlet fever                            | -           | -           | 19          | 10         | 19          | 10          | 18          | 14         | 23          | 18          | 17          | 17          | 21          |
| " " Diphtheria                               | -           | -           | 18          | 15         | 28          | 29          | 24          | 15         | 21          | 19          | 25          | 13          | 17          |
| " " Whooping-cough                           | -           | -           | 34          | 33         | 27          | 31          | 32          | 33         | 30          | 25          | 27          | 20          | 28          |
| " " Typhus                                   | -           | -           | -           | -          | -           | -           | -           | -          | -           | -           | 2           | -           | -           |
| " " Enteric fever                            | -           | -           | 8           | 15         | 10          | 7           | 12          | 8          | 15          | 9           | 6           | 2           | 7           |
| " " Simple Cont <sup>d</sup> fever           | -           | -           | 1           | -          | -           | 2           | 1           | -          | 1           | -           | 1           | 1           | -           |
| " " Diarrhœa and<br>Dysentery                | -           | -           | 16          | 18         | 36          | 51          | 72          | 62         | 89          | 121         | 133         | 162         | 192         |
| " " Cholera                                  | -           | -           | -           | -          | 2           | 3           | 3           | 2          | 4           | 4           | 5           | 4           | 7           |
| Deaths from the above-<br>mentioned Diseases | -           | -           | 117         | 109        | 142         | 156         | 189         | 160        | 223         | 225         | 270         | 254         | 319         |
| " " Dis. of Respira-<br>tory System          | -           | -           | 213         | 184        | 156         | 176         | 164         | 166        | 160         | 167         | 183         | 167         | 172         |
| " " Phthisis                                 | -           | -           | 119         | 133        | 117         | 114         | 114         | 141        | 117         | 123         | 131         | 134         | 103         |
| " " Dis. of Circula-<br>tory System          | -           | -           | 89          | 95         | 101         | 96          | 110         | 118        | 92          | 93          | 123         | 85          | 84          |
| Violent Deaths                               | -           | -           | 71          | 63         | 64          | 65          | 56          | 54         | 63          | 49          | 56          | 47          | 47          |
| Inquest Cases                                | -           | -           | 103         | 105        | 111         | 107         | 125         | 104        | 89          | 97          | 100         | 91          | 87          |
| Deaths in Public Institutions                | -           | -           | 312         | 280        | 302         | 285         | 300         | 314        | 305         | 260         | 341         | 296         | 303         |
| TEMPERATURE OF THE AIR                       |             |             |             |            |             |             |             |            |             |             |             |             |             |
| Mean   | -           | -           | 57.1        | 54.2       | 61.9        | 56.4        | 55.8        | 59.4       | 60.3        | 56.9        | 63.9        | 56.4        | 60.0        |
| Mean of Highest readings                     | -           | -           | 69.5        | 61.8       | 72.3        | 65.3        | 64.7        | 68.6       | 69.9        | 67.5        | 75.2        | 67.1        | 70.2        |
| Mean of Lowest readings                      | -           | -           | 47.8        | 48.1       | 54.3        | 50.8        | 48.2        | 52.8       | 53.8        | 50.4        | 54.3        | 48.6        | 51.8        |
| Humidity of the Air                          | -           | -           | 72          | 86         | 83          | 87          | 77          | 83         | 81          | 87          | 75          | 77          | 82          |
| Rain-fall in inches                          | -           | -           | 0.54        | 0.27       | 2.37        | 0.90        | 0.44        | 1.61       | 1.11        | 4.29        | 0.11        | 0.00        | 0.81        |
| Registered Sunshine (in hours)               | -           | -           | 51.7        | 17.7       | 29.9        | 18.5        | 23.2        | 11.8       | 34.3        | 22.0        | 47.5        | 27.8        | 29.2        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SIXTH Week of the Year 1888.

| USES OF DEATH. | Corrected Averages for the 36th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 8th September 1888. |           |      |       |                  |                  |                  |                       |           |           | Corrected Averages for the 36th Weeks of the 10 years 1878-87.* | CAUSES OF DEATH. | Corrected Averages for the 36th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 8th September 1888. |                  |                  |                       |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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|                |   | Deaths of Persons of the Ages                    |           |      |       |                  |                  |                  |                       |           |           |   |                  |   | Deaths of Persons of the Ages                    |                  |                  |                       |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                |   | ALL AGES.  | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | ALL AGES. | Under 20. |   |                  |   | 20 and under 40.                                 | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |           | 0-1.      |   |                  |   |  |                  |                  |                       | 1-5. | 5-20. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| L CAUSES -     | 1445.3  | 1316   | 428       | 202  | 73    | 145              | 205              | 223              | 42                    |           |           |   |                  |   |  |                  |                  |                       |      |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5). The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.046 per cent. for increase of population. As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used. These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical attendant, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

|   |  | The DEATHS registered in the Week include         |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |    |                |                                   |
|---|--|---|--|--|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----|----|----------------|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |    |    | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |  |   |  |  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |    |    |                |                                   |
| LONDON - - - -  |  | 3,815,704   | 2475                                   | 1316                                   | 426                             | 265                                 | -           | 26       | 19             | 18          | 32              | -       | 11                             | 1                            | 131        | 32        | 71 | 29 |                |                                   |
| West Districts - - - -  |  | 869,633   | 368                                    | 235                                    | 63                              | 59                                  | -           | 5        | 1              | 3           | 5               | -       | 1                              | -                            | 23         | 6         | 11 | 64 |                |                                   |
| North Districts - - - -   |  | 905,947   | 541                                    | 313                                    | 99                              | 71                                  | -           | 9        | 4              | 5           | 7               | -       | 5                              | 1                            | 29         | 8         | 13 | 61 |                |                                   |
| Central Districts - - - -   |  | 282,238   | 129                                    | 94                                     | 21                              | 15                                  | -           | 1        | -              | -           | 4               | -       | 1                              | -                            | 6          | 6         | 6  | 29 |                |                                   |
| East Districts - - - -  |  | 692,738   | 477                                    | 290                                    | 107                             | 56                                  | -           | 10       | 7              | 4           | 7               | -       | 2                              | -                            | 32         | 8         | 20 | 69 |                |                                   |
| South Districts - - - -   |  | 1,365,143   | 960                                    | 584                                    | 186                             | 64                                  | -           | 1        | 7              | 6           | 9               | -       | 2                              | -                            | 41         | 9         | 21 | 73 |                |                                   |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON - - - - |  | -   | -                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| WEST DISTRICTS.   |  |   |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |    |                |                                   |
| St. Mary Paddington WHH G.J. & W.M.                                       |  | 69893   | 37                                     | 27                                     | 3                               | 14                                  | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -          | -         | 1  | 9  |                |                                   |
| St. John Paddington H - - G.J.  |  | 37390   | 4                                      | 11                                     | 2                               | 1                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | 1          | -         | -  | 6  |                |                                   |
| Kensington Town Ww - - W.M.   |  | 120141  | 51                                     | 36                                     | 7                               | 10                                  | -           | -        | -              | 2           | 1               | -       | -                              | -                            | 5          | -         | 2  | 14 |                |                                   |
| Brompton HH - - W.M. & C.   |  | 43010   | 9                                      | 5                                      | 1                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| St. Peter Hammersmith - - W.M.  |  | 7899  | 3                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340   | 67                                     | 35                                     | 12                              | 9                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 5          | 3         | 4  | 1  |                |                                   |
| Fulham Ww - - W.M. & C.   |  | 42900   | 64                                     | 30                                     | 10                              | 6                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | 3          | -         | -  | -  |                |                                   |
| Chelsea South HHH - - C.  |  | 80396   | 26                                     | 8                                      | 4                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 1  |                |                                   |
| Chelsea North-west WHHHHH - C.  |  | 24925   | 15                                     | 19                                     | 5                               | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1  | 14 |                |                                   |
| Chelsea North-east - - C.   |  | 32807   | 19                                     | 8                                      | 3                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | 2          | -         | -  | -  |                |                                   |
| May Fair WW - - G.J.  |  | 50353   | 3                                      | 8                                      | -                               | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 5  |                |                                   |
| Belgrave WHHH - - C.  |  | 59220   | 22                                     | 15                                     | 4                               | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | 1         | 1  | 5  |                |                                   |
| St. John Westminster HHH - C.   |  | 35496   | 23                                     | 13                                     | 5                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -  | -  |                |                                   |
| St. Margaret Westminster H - C.   |  | 24679   | 10                                     | 7                                      | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 4  | -  |                |                                   |
| St. James Westminster WHH N.R. & G.J.                                     |  | 29941   | 10                                     | 9                                      | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2  | -  |                |                                   |
| St. Anne Soho HHHHHHH - N.R.  |  | 16608   | 5                                      | 4                                      | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 1  |                |                                   |
| NORTH DISTRICTS.  |  |   |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |    |                |                                   |
| All Souls Marylebone HHHH - W.M.  |  | 26759   | 7                                      | 8                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 5  |                |                                   |
| Clarendon Square HHHH - W.M.  |  | 14391   | 7                                      | 3                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809   | 9                                      | 3                                      | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| St. Mary Marylebone HHH G.J. & W.M.                                       |  | 21116   | 18                                     | 2                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Christchurch Marylebone H - W.M.  |  | 33700   | 14                                     | 16                                     | 4                               | 2                                   | -           | 3        | -              | 1           | 1               | -       | 1                              | -                            | 1          | -         | -  | -  |                |                                   |
| St. John Marylebone H - W.M.  |  | 33633   | 17                                     | 6                                      | 2                               | -                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Hampstead WwHHHH N.R. & W.M.  |  | 45452   | 19                                     | 19                                     | 4                               | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -  | 4  |                |                                   |
| Regent's Park Pancras H - W.M.  |  | 39115   | 23                                     | 5                                      | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27229   | 15                                     | 16                                     | 2                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 10 |                |                                   |
| Gray's Inn Lane HHH - N.R.  |  | 30247   | 18                                     | 5                                      | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 3  |                |                                   |
| Somers Town H - N.R.  |  | 34369   | 25                                     | 16                                     | 10                              | 2                                   | -           | 1        | -              | 1           | 1               | -       | -                              | -                            | 1          | 3         | 1  | 7  |                |                                   |
| Camden Town WH - N.R.   |  | 17311   | 14                                     | 9                                      | 3                               | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Kentish Town W - N.R.   |  | 37487   | 45                                     | 19                                     | 4                               | 8                                   | -           | 2        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | 2  | -  |                |                                   |
| Upper Holloway WwWH - N.R.  |  | 67946   | 60                                     | 42                                     | 9                               | 16                                  | -           | 1        | -              | -           | -               | -       | 2                              | 1                            | 4          | -         | 15 | -  |                |                                   |
| Islington South-west HH - N.R.  |  | 100876  | 60                                     | 34                                     | 10                              | 4                                   | -           | 1        | -              | 1           | -               | -       | 2                              | 7                            | -          | -         | -  | -  |                |                                   |
| Islington South-east - N.R.   |  | 61825   | 36                                     | 14                                     | 7                               | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Highbury H - N.R.   |  | 32043   | 34                                     | 17                                     | 6                               | 5                                   | -           | -        | -              | -           | -               | -       | 1                              | 4                            | -          | -         | -  | -  |                |                                   |
| Stoke Newington H - N.R.  |  | 22781   | 6                                      | 6                                      | 2                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Stamford Hill - E.L.  |  | 9277  | 5                                      | 4                                      | 1                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| West Hackney H - N.R.   |  | 37610   | 21                                     | 9                                      | 3                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 2  | 1  |                |                                   |
| Hackney WwWH - E.L. & N.R.  |  | 76911   | 58                                     | 47                                     | 19                              | 9                                   | -           | 3        | 1              | 2           | -               | -       | 1                              | 5                            | 1          | 1         | 15 | -  |                |                                   |
| South Hackney - E.L.  |  | 39983   | 28                                     | 13                                     | 6                               | 2                                   | -           | 1        | 1              | -           | -               | -       | -                              | -                            | 1          | 1         | 2  | -  |                |                                   |
| CENTRAL DISTRICTS.  |  |   |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |    |                |                                   |
| St. George Bloomsbury - - N.R.  |  | 16681   | 8                                      | 2                                      | 1                               | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| St. Giles South WH - - N.R.   |  | 14864   | 11                                     | 8                                      | 1                               | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 4  |                |                                   |
| St. Giles North - - N.R.  |  | 13837   | 7                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                     |  | 17598   | 7                                      | 4                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1  | 2  |                |                                   |
| St. Mary-le-Strand H - - N.R.   |  | 7515  | 3                                      | 1                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 1  |                |                                   |
| St. Clement Dances H - - N.R.   |  | 3559  | -                                      | 5                                      | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1  | 3  |                |                                   |
| Strand Union Workhouse, Edmonton w.                                       |  | -   | -                                      | 1                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -  | 1  |                |                                   |
| St. Geo.-the-Martyr HHHHHHH N.R.  |  | 18671   | 4                                      | 6                                      | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 4  |                |                                   |
| St. Andrew Eastern W - - N.R.   |  | 10706   | 3                                      | 5                                      | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -  | -  |                |                                   |
| Saffron Hill H - - N.R.   |  | 6583  | 4                                      | 1                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| St. James Clerkenwell - - N.R.  |  | 17516   | 13                                     | 5                                      | 8                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Amwell Clerkenwell - - N.R.   |  | 19281   | 14                                     | 10                                     | 2                               | 1                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Pentonville - - N.R.  |  | 14773   | 8                                      | 5                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Goosewell-street - - N.R.   |  | 17506   | 12                                     | 8                                      | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Old-street H - - N.R.   |  | 11541   | 4                                      | 3                                      | 2                               | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 2          | -         | -  | -  |                |                                   |
| City-road HHL - - N.R.  |  | 18628   | 15                                     | 10                                     | 5                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -  | -  |                |                                   |
| Whitecross-street - - N.R.  |  | 9217  | 4                                      | 4                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Finsbury - - N.R.   |  | 7493  | 3                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Holborn Union Workhouse, Mitcham, w.                                      |  | -   | -                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| St. Botolph H - - N.R. & E.L.   |  | 11174   | 7                                      | 1                                      | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Cripplegate - - N.R.  |  | 7193  | 3                                      | 2                                      | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| St. Sepulchre H - - N.R.  |  | 6568  | -                                      | 16                                     | 2                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | 3  | 14 |                |                                   |
| St. Bride W - - N.R.  |  | 3396  | 1                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Allhallows Barking - - N.R.   |  | 13666   | 2                                      | 1                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -  |                |                                   |
| Broad Street H - - N.R.   |  | 5662  | 1                                      | 2                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1  | -  |                |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N. R., New River; E. L., East London; and K., the Kent Company.

|                                |             | The DEATHS registered in the Week include         |  |  |                                 |                                     |            |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |  |
|--------------------------------|-------------|---|--|--|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|--|
| REGISTRATION                   |             | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |  |
| SUB-DISTRICTS.                 |             |   |  |  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |  |
| EAST DISTRICTS.                |             |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |  |
| Well Shoreditch                | N.R. & E.L. | 7376  | 4                                      | 1                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| Leonard Shoreditch             | HL*         | 14867   | 5                                      | 5                                      | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | 1                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| ton New Town                   | N.R.        | 29397   | 13                                     | 15                                     | 4                               | 6                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| ton Old Town                   | N.R.        | 28036   | 24                                     | 14                                     | 8                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| gerston WH                     | N.R. & E.L. | 46276   | 28                                     | 22                                     | 9                               | 3                                   | -          | 2        | -              | 2           | 12              | -       | -                                 | -                            | -          | -         | -              | 7                                 | -                               |  |
| ney-road H                     | -           | 29738   | 16                                     | 7                                      | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| en, Bethnal Green              | WHL*        | 47532   | 42                                     | 31                                     | 14                              | 7                                   | -          | -        | 12             | -           | -               | -       | -                                 | -                            | -          | 2         | -              | 1                                 | 6                               |  |
| ch, Bethnal Green              | -           | 29881   | 24                                     | 9                                      | 3                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1              | 1                                 | 1                               |  |
| n, Bethnal Green               | -           | 19610   | 15                                     | 6                                      | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1              | 3                                 | -                               |  |
| Fields                         | E.L. & N.R. | 22585   | 15                                     | 4                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| End New Town                   | W           | 15473   | 12                                     | 15                                     | 5                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| te-chapel Church               | H           | 17490   | 11                                     | 15                                     | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 8                                 | -                               |  |
| iman's Fields                  | -           | 9713  | 11                                     | 1                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 11                                | -                               |  |
| gate                           | N.R. & E.L. | 6102  | 1                                      | 1                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| George's, North                | -           | 38747   | 27                                     | 15                                     | 6                               | 2                                   | -          | 1        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -              | 1                                 | -                               |  |
| ohn, St. George East           | W           | 8410  | 5                                      | 4                                      | 1                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 2                                 | -                               |  |
| well, HH                       | E.L. & N.R. | 10895   | 7                                      | 6                                      | 2                               | -                                   | -          | 2        | -              | -           | 1               | -       | -                                 | -                            | 1          | 1         | 1              | 2                                 | -                               |  |
| HW                             | -           | 16107   | 10                                     | 5                                      | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 2          | 1         | 1              | 2                                 | -                               |  |
| house                          | -           | 32041   | 19                                     | 15                                     | 5                               | 3                                   | -          | -        | -              | -           | 1               | -       | -                                 | -                            | 1          | -         | 1              | -                                 | 1                               |  |
| End Old Town West              | -           | 37560   | 29                                     | 3                                      | 2                               | -                                   | -          | -        | 1              | -           | -               | -       | 1                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| End Old Town East              | W & H       | 67653   | 64                                     | 22                                     | 6                               | 6                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| L                              | -           | 37074   | 24                                     | 15                                     | 6                               | 2                                   | -          | 2        | 3              | 1           | -               | -       | 1                                 | -                            | -          | 1         | 2              | 5                                 | -                               |  |
| nley, W & H                    | -           | 64359   | 60                                     | 38                                     | 10                              | 11                                  | -          | 2        | -              | -           | -               | -       | -                                 | -                            | 2          | 5         | 1              | 1                                 | 1                               |  |
| n W & H                        | -           | 55077   | 26                                     | 21                                     | 8                               | 4                                   | -          | 2        | -              | -           | -               | -       | -                                 | -                            | 2          | 1         | 1              | 2                                 | -                               |  |
| SOUTH DISTRICTS.               |             |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |  |
| church Southwark               | WH L. & S.  | 13663   | 7                                      | 2                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -              | -                                 | -                               |  |
| vious Southwark                | -           | 14569   | 8                                      | 3                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| -road                          | S. & L.     | 21361   | 13                                     | 9                                      | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| ugh-road WH                    | -           | 16963   | 8                                      | 2                                      | 4                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| on-road HL                     | L. & S.     | 21318   | 13                                     | 7                                      | 4                               | -                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| ry Newington                   | -           | 26722   | 24                                     | 5                                      | 3                               | 1                                   | -          | -        | -              | -           | -               | 1       | -                                 | -                            | -          | -         | -              | -                                 | 1                               |  |
| eter Walworth                  | W           | 38655   | 62                                     | 16                                     | 10                              | -                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -              | -                                 | -                               |  |
| ary Newington                  | L. & S.     | 21623   | 9                                      | 5                                      | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | 1         | 1              | -                                 | -                               |  |
| ave WH                         | -           | 11966   | 4                                      | 10                                     | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| ary Market                     | -           | 16300   | 11                                     | 4                                      | 2                               | -                                   | -          | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | 2              | 6                                 | -                               |  |
| ary Magdalen                   | W           | 16669   | 10                                     | 2                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | 1                               |  |
| ames Bermondsey                | -           | 54683   | 34                                     | 9                                      | 3                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1              | 1                                 | -                               |  |
| erhithe WH                     | S. & K.     | 36024   | 32                                     | 17                                     | 7                               | 4                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 3          | -         | -              | 5                                 | -                               |  |
| arlo-road 1st                  | H           | 16195   | 5                                      | 6                                      | 4                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 2          | -         | -              | -                                 | -                               |  |
| arlo-road 2nd                  | H           | 16351   | 16                                     | 5                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 2          | -         | -              | -                                 | -                               |  |
| eth Church 1st                 | H           | 18876   | 12                                     | 14                                     | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | 1         | 1              | 10                                | -                               |  |
| eth Church 2nd                 | W & W       | 39859   | 38                                     | 16                                     | 8                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 3          | 1         | 1              | -                                 | -                               |  |
| ington 1st                     | -           | 42282   | 21                                     | 10                                     | 3                               | 2                                   | -          | -        | 1              | -           | -               | -       | -                                 | -                            | 1          | -         | 1              | 8                                 | -                               |  |
| ington 2nd                     | -           | 35382   | 23                                     | 10                                     | 1                               | 5                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -              | -                                 | -                               |  |
| on, W & W                      | -           | 62857   | 35                                     | 9                                      | -                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 1          | -         | -              | -                                 | -                               |  |
| ood W                          | -           | 16017   | 10                                     | 2                                      | 1                               | -                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| Battersea                      | -           | 54675   | 61                                     | 16                                     | 11                              | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | 5          | 1         | 1              | -                                 | -                               |  |
| Battersea W & H                | -           | 52387   | 68                                     | 21                                     | 5                               | 3                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | 4          | 2         | 1              | 5                                 | 2                               |  |
| aworth                         | WHL         | 36320   | 1                                      | 6                                      | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| ay                             | -           | 23004   | 31                                     | 20                                     | 9                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                                 | -                            | 4          | 1         | 1              | 7                                 | 1                               |  |
| atham                          | -           | 13255   | 4                                      | 2                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| atham                          | -           | 25563   | 21                                     | 9                                      | 4                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| ch                             | -           | 5590  | 1                                      | 3                                      | 1                               | 1                                   | -          | -        | -              | -           | 1               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| erwell W & L*                  | -           | 29104   | 44                                     | 23                                     | 9                               | 4                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | 3          | -         | -              | 1                                 | -                               |  |
| am W                           | -           | 71362   | 48                                     | 10                                     | 10                              | 5                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | 3          | -         | -              | 1                                 | -                               |  |
| orge Camberwell                | -           | 50810   | 52                                     | 14                                     | 8                               | -                                   | -          | -        | -              | -           | 1               | -       | -                                 | -                            | 1          | -         | 2              | -                                 | -                               |  |
| aul Deptford                   | W & W       | 76732   | 73                                     | 24                                     | 4                               | 2                                   | -          | -        | 4              | -           | -               | -       | 1                                 | -                            | 2          | 1         | 2              | 5                                 | -                               |  |
| cholas Deptford                | -           | 7901  | 5                                      | 2                                      | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| wich West                      | H           | 21972   | 18                                     | 1                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| wich East WHH                  | -           | 24605   | 18                                     | 10                                     | 4                               | 2                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 5                                 | -                               |  |
| m H                            | -           | 1048  | 2                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| H                              | -           | 21579   | 11                                     | 1                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| am WH                          | -           | 19865   | 15                                     | 10                                     | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 3                                 | -                               |  |
| am H                           | -           | 26076   | 12                                     | 6                                      | -                               | 3                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| on H                           | -           | 10930   | 9                                      | 3                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 1              | -                                 | 1                               |  |
| rich Dockyard                  | -           | 17617   | 17                                     | 9                                      | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| rich Arsenal                   | HH          | 19448   | 14                                     | 6                                      | -                               | -                                   | -          | -        | -              | 1           | -               | -       | -                                 | -                            | 1          | -         | -              | -                                 | -                               |  |
| stead, West                    | H           | 14069   | 14                                     | 2                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | 1                                 | -                               |  |
| stead, East                    | W           | 11241   | 26                                     | 13                                     | 3                               | 3                                   | -          | -        | -              | 2           | -               | -       | -                                 | -                            | 1          | -         | -              | 6                                 | 1                               |  |
| Metropolitan Asylum Hospitals: |             |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |  |
| Arford                         | W           | -   | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| inchmore Hill                  | W           | -   | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |
| istow                          | W           | -   | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -              | -                                 | -                               |  |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:—

- [illegible]



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 8th September, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |   |   |                |                                   |    |    |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|---|---|----------------|-----------------------------------|----|----|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |   |   | Inquest Cases. | Deaths in Public<br>Institutions. |    |    |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |   |   |                |                                   |    |    |
| LONDON—OUTER RING   |                                |  |   |         |         | 370,924                                   | 950,957                             | 774         | 314      | 106            | 73          | -               | 7      | 6          | 3         | 5 | 4 | 33             | 15                                | 23 | 23 |
| 30: 1   | Carshalton wL -                | 12228  | 21118   | 5       | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 5       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 37: 1   | Godstone (part of)* -          | 2754   | 1235  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 38: 1   | Croydon WwHHL -                | 20851  | 101241  | 68      | 23      | 7   | 9                                   | -           | -        | -              | 1           | 2               | -      | 2          | 2         | 3 | - | -              | -                                 | -  | -  |
| 2   | Mitcham w† -                   | 11697  | 17932   | 7       | 8       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | -         | - | - | -              | -                                 | -  | -  |
| 39: 1   | Wimbledon HHH -                | 3220   | 15950   | 17      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 2   | Kingston WHH -                 | 8549   | 38354   | 28      | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | 1  |
| 3   | Esher (part of)* -             | 6301   | 9221  | 14      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | 1                                 | -  | -  |
| 4   | Hampton H -                    | 4573   | 13539   | 6       | 3       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 2 | 2 | -              | -                                 | -  | -  |
| 40: 1   | Richmond WH -                  | 2272   | 21302   | 18      | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | - | - | -              | -                                 | -  | -  |
| 2   | Mortlake - -                   | 2911   | 12331   | 8       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | - | - | -              | -                                 | -  | -  |
| 41: 1   | Bromley (pt. of)* HH           | 15689  | 81142   | 9       | 11      | 3   | 3                                   | -           | -        | -              | -           | -               | -      | 3          | 1         | 1 | - | -              | -                                 | -  | -  |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15844   | 7       | 2       | -   | -                                   | -           | -        | -              | -           | -               | 1      | -          | -         | - | - | -              | -                                 | -  | -  |
| 42: 1   | Bexley H - -                   | 19437  | 24134   | 18      | 10      | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 2 | 2 | -              | -                                 | -  | -  |
| 2   | Dartford (Ww, pts. of)*        | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 124: 1  | Sunbury w - -                  | 11055  | 11685   | 7       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 2   | Staines W - -                  | 13277  | 12089   | 12      | 13      | 1   | 5                                   | -           | -        | -              | 1           | 1               | -      | -          | -         | - | - | -              | -                                 | -  | 8  |
| 125: 1  | Hillingdon WHH -               | 6029   | 10802   | 12      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 2   | Uxbridge - -                   | 6178   | 5225  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 3   | Hayes wHL - -                  | 14587  | 11523   | 5       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | 3  |
| 126: 1  | Isleworth WHH -                | 7008   | 22727   | 11      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1 | 1 | 1              | -                                 | -  | -  |
| 2   | Twickenham H -                 | 2477   | 12479   | 11      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 3   | Brentford HL - -               | 4345   | 27649   | 12      | 6       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 4   | Chiswick - -                   | 1340   | 15375   | 10      | 7       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | - | 1 | -              | -                                 | -  | -  |
| 5   | Aston wH - -                   | 6083   | 22376   | 23      | 7       | 5   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1 | 1 | -              | -                                 | -  | -  |
| 127: 1  | Harrow H - -                   | 13809  | 12796   | 4       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 2   | Edgware H - -                  | 6994   | 3749  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 3   | Willesden - -                  | 4383   | 27453   | 34      | 18      | 6   | 4                                   | -           | 1        | -              | -           | -               | 1      | 3          | -         | 1 | - | -              | -                                 | -  | -  |
| 4   | Hendon W - -                   | 8322   | 10484   | 10      | 5       | 3   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | - | - | -              | -                                 | -  | -  |
| 137: 1  | Bushey - -                     | 9331   | 6621  | 4       | 3       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 2   | Watford (W, pt. of)*           | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 128: 1  | South Mimms - -                | 15599  | 6391  | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1 | 1 | -              | -                                 | -  | -  |
| 2   | Barnet - -                     | 5433   | 10092   | 5       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 3   | Finchley HL - -                | 4638   | 17616   | 15      | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | 1  |
| 135: 1  | Hatfield (part of)*            | 3306   | 583   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 129: 1  | Hornsey H - -                  | 2039   | 37078   | 26      | 8       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1 | 1 | -              | -                                 | -  | -  |
| 2   | Tottenham H - -                | 4642   | 46456   | 53      | 25      | 11  | 2                                   | -           | 3        | -              | -           | 1               | -      | 4          | 1         | 2 | 2 | -              | -                                 | -  | -  |
| 3   | Edmonton Ww† -                 | 7483   | 23463   | 11      | 3       | 8   | 2                                   | -           | -        | -              | -           | -               | -      | 2          | -         | - | - | -              | -                                 | -  | -  |
| 4   | Enfield WH - -                 | 12653  | 19104   | 14      | 7       | 3   | -                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1 | - | -              | -                                 | -  | -  |
| 5   | Waltham Abbey -                | 11017  | 5343  | 8       | 2       | -   | -                                   | -           | -        | 1              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 6   | Cheshunt - -                   | 8490   | 7735  | 9       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | 1 | -              | -                                 | -  | -  |
| 186: 1  | Stratford - -                  | 892  | 38906   | 23      | 15      | 9   | 1                                   | -           | 1        | -              | -           | 1               | -      | 6          | 1         | 1 | - | -              | -                                 | -  | -  |
| 2   | West Ham wwwwH† -              | 7351   | 101033  | 121     | 47      | 17  | 7                                   | -           | 2        | 4              | -           | -               | 1      | 1          | 1         | 3 | - | -              | -                                 | -  | -  |
| 3   | Leyton WwL - -                 | 4372   | 32430   | 33      | 20      | 8   | 4                                   | -           | -        | 1              | -           | -               | -      | 3          | -         | - | - | -              | -                                 | -  | 4  |
| 4   | Walthamstow H -                | 6530   | 28369   | 45      | 10      | 3   | 3                                   | -           | -        | -              | 1           | -               | 1      | 1          | -         | - | - | -              | -                                 | -  | -  |
| 187: 1  | Chigwell (part of)* H          | 11761  | 9639  | 3       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | - | - | -              | -                                 | -  | -  |
| 2   | Epping (W, pt. of)*            | -  | -   | 3       | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 189: 1  | Romford (part of)* W           | 6730   | 3411  | 10      | 4       | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | 3  |
| 2   | Ilford - -                     | 8493   | 7645  | 11      | 4       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |
| 3   | Barking Town - -               | 4127   | 9203  | 9       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | - | - | -              | -                                 | -  | -  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1983); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford, 137: 2, Watford, and 187: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 8th September, 1888.

| THE GREATER LONDON. | Area in Acres, including tidal water and foreshore. | Estimated Population, middle of 1888. | ANNUAL RATE of MORTALITY per 1000 living. |                              | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |        |            |           |                                |     |
|---------------------|---|---------------------------------------|---|------------------------------|-------------------------|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|--------------------------------|-----|
|                     |   |                                       |   |                              |                         | Deaths of                                 |                                    | Deaths from |          |                |             |                 |        |            |           |                                |     |
|                     |   |                                       | From All Causes.                          | From Diseases in Cols. 8-14. |                         | Infants under 1 Year of Age.              | Persons aged 60 Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Deaths in Public Institutions. |     |
|                     | Cols.   | 1.                                    | 2.  | 3.                           | 4.                      | 5.  | 6.                                 | 7.          | 8.       | 9.             | 10.         | 11.             | 12.    | 13.        | 14.       | 15.                            | 16  |
| GREATER LONDON      |   | 448,334                               | 5,527,886                                 | 15.4                         | 2.8                     | 1630                                      | 532                                | 338         | -        | 33             | 25          | 21              | 37     | 16         | 164       | 47                             | 319 |
| METROPOLITAN LONDON |   | 77,410                                | 4,282,921                                 | 16.0                         | 2.9                     | 1316                                      | 426                                | 265         | -        | 26             | 19          | 18              | 32     | 12         | 131       | 32                             | 296 |
| CITY OF LONDON      |   | 370,924                               | 1,244,965                                 | 13.2                         | 2.4                     | 314                                       | 106                                | 73          | -        | 7              | 6           | 3               | 5      | 4          | 33        | 15                             | 23  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                             | POPULATION (enumerated or estimated). | DATE OF RETURN. |    | BIRTHS.                 | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                           |
|-------------------------------------|---------------------------------------|-----------------|----|-------------------------|---------|------------------------------------|--|
|                                     |                                       | Week ending     |    | Exclusive of Stillborn. |         |                                    |  |
| CALCUTTA - -                        | 433,219                               | July            | 28 | -                       | 169     | 20.3                               | Fevers 34; cholera 15; diarr. dis. 15.                   |
| BOMBAY - -                          | 773,196                               | August          | 14 | 289                     | 468     | 27.0                               | Fevers 142; cholera 19; diarr. dis. 42.                  |
| MADRAS - -                          | 398,777                               | July            | 27 | 294                     | 226     | 20.6                               | Fevers 51; small-pox 3; diarr. dis. 34.                  |
| PARIS - - -                         | 2,260,945                             | September       | 1  | 1162                    | 853     | 19.6                               | Typhoid fever 17; diph. & cp. 14; s.-pox 2; d. dis. 186. |
| BRUSSELS - -<br>(with 8 Faubourgs.) | 462,069                               | "               | 1  | 242                     | 166     | 18.6                               | Measles 2; diarrhoeal diseases 46.                       |
| AMSTERDAM - -                       | 390,016                               | "               | 1  | 290                     | 117     | 15.5                               | Diphtheria 2.  |
| ROTTERDAM - -                       | 193,658                               | "               | 1  | 138                     | 74      | 19.7                               | -  |
| THE HAGUE - -                       | 149,477                               | "               | 1  | 111                     | 59      | 20.5                               | -  |
| COPENHAGEN                          | 300,000                               | August          | 28 | 222                     | 120     | 20.9                               | Diphtheria 3; diarrhoeal diseases 25.                    |
| STOCKHOLM - -                       | 221,549                               | "               | 25 | 131                     | 72      | 16.9                               | Scar. fev. 3; diar. dis. 20.                             |
| CHRISTIANIA - -                     | 135,600                               | September       | 1  | 89                      | 47      | 18.0                               | Diarrhoeal diseases 16.                                  |
| ST. PETERSBURG                      | 842,883                               | August          | 25 | -                       | 508     | 31.4                               | Typhus and typh. fev. 8; meas. 9; diar. dis. 140.        |
| BERLIN - - -                        | 1,438,006                             | "               | 18 | 884                     | 629     | 22.8                               | Diphtheria 12; meas. 7; diarr. dis. 197.                 |
| HAMBURG(State)                      | 150,694                               | "               | 25 | 387                     | 219     | 20.8                               | Meas. 11; diph. & crp. 7; w.-ch. 6; typ. & tpd. fev. 4.  |
| DRESDEN - - -                       | 259,142                               | "               | 25 | 178                     | 82      | 16.5                               | Meas. 4; diph. & cp. 3; typhus and typhd. fev. 2.        |
| BRESLAW - - -                       | 313,451                               | September       | 1  | 239                     | 175     | 29.7                               | Diph. 8; typ. & typhd. fev. 3; diar. dis. 51.            |
| MUNICH - - -                        | 275,000                               | August          | 25 | 213                     | 186     | 35.2                               | Sc. fev. 6; diar. dis. 54.                               |
| VIENNA - - -                        | 800,836                               | "               | 25 | 486                     | 307     | 19.9                               | Scar. fev. 4; diph. 2; s.-px. 1; diarr. dis. 43.         |
| PRAGUE - - -                        | 295,857                               | "               | 25 | -                       | 148     | 26.1                               | Sm.-pox 7; diphtheria 4; measles 2.                      |
| BUDA-PESTH - -                      | 442,787                               | "               | 25 | 322                     | 250     | 20.4                               | Diphtheria 5; croup 4; tp. & tpd. fev. 2; d. dis. 50.    |
| TRIESTE - - -                       | 156,042                               | "               | 25 | -                       | 71      | 23.7                               | Dip. & crp. 3; sm.-pox 1; diar. dis. 14.                 |
| ROME - - -                          | 388,300                               | July            | 21 | 233                     | 199     | 26.7                               | Meas. 4; typhd. fev. 4; diar. dis. 51.                   |
| TURIN (10 days)                     | 294,826                               | August          | 20 | -                       | -       | -                                  | -  |
| VENICE - - -                        | 150,502                               | "               | 25 | 76                      | 46      | 16.0                               | Typh. fev. 2; diar. dis. 9.                              |
| CAIRO - - -                         | 374,938                               | "               | 16 | 328                     | 426     | 59.3                               | Meas. 8; wh.-cough 12; tpd. fev. 18; d. dis. 203.        |
| ALEXANDRIA - -                      | 231,396                               | "               | 16 | 165                     | 215     | 48.5                               | Tphd. fv. 3; diar. dis. 68.                              |
| NEW YORK - -                        | 1,493,000                             | "               | 18 | -                       | 802     | 23.0                               | Diph. 40; wh.-cgh. 24; tpd. fev. 8; diar. dis. 191.      |
| BROOKLYN - -                        | 774,870                               | "               | 18 | -                       | 455     | 29.9                               | Diph. 10; typh. fev. 7; diarrhoeal diseases 115.         |
| PHILADELPHIA -                      | 1,016,758                             | "               | 18 | -                       | 439     | 22.5                               | Typhd. fev. 32; sc. fev. 3; s.-pox. 2; inf. chol. 45.    |
| BALTIMORE - -                       | 431,879                               | "               | 18 | -                       | 234     | 27.1                               | Wh.-cough 5; diarrhoeal diseases 72.                     |



TABLE 9.—METEOROLOGICAL OBSERVATIONS Made at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 8th SEPTEMBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |                     | TEMPERATURE. |          |              |                   | TEMPERATURE.                              |                  |   |                  | TEMPERATURE.                          |          |                           |          | Wind as deduced from Anemometers. |      |             |            | Rain collected in a Gauge whose surface is 5 inches above the Ground. |   |   |     |          |     |    |    |
|----------------|---------------------|--------------|----------|--------------|-------------------|---|------------------|---|------------------|---------------------------------------|----------|---------------------------|----------|-----------------------------------|------|-------------|------------|---|---|---|-----|----------|-----|----|----|
| MONTH AND DAY. | Phases of the Moon. | TEMPERATURE. |          | Of the Air.  |                   | Of the temperature of the Dew Point.      |                  | Difference between the Air Temperature and Dew Point Temperature. |                  | Degrees of Humidity (saturation 100). |          | Of the Water at Deptford. |          | Oiler's.                          |      | Robinson's. |            |   |   |   |     |          |     |    |    |
|                |                     | High-est.    | Low-est. | Daily Range. | Mean daily value. | De- parture from average value, 30 years. | Mean of the day. | Least.  | Mean of the day. | High-est.                             | Low-est. | High-est.                 | Low-est. | General Direction.                | P.M. | Great-est.  | Least.     | Mean of 24 hours.   | Horizontal Movement of the Air on each Day. | Departure from the Average of 13 Years. |     |          |     |    |    |
| SEPTEMBER.     |                     | in.          | °        | °            | °                 | °   | °                | °   | °                | °                                     | °        | °                         | °        | °                                 | °    | °           | °          | °   | °   | °                                       |     |          |     |    |    |
| SUN.           | 2                   | 29.824       | 67.1     | 53.7         | 13.4              | 58.8                                      | — 1.2            | 55.2  | 3.6              | 10.1                                  | 0.5      | 88                        | 117.0    | 52.5                              | ..   | SW.         | SW.        | lbs. 4.3  | 0.0   | 0.8                                     | 0.5 | in. 0.05 | 6.0 |    |    |
| MON.           | 3                   | 29.772       | 69.5     | 53.5         | 16.0              | 59.8                                      | 0.0              | 56.8  | 3.0              | 11.3                                  | 0.0      | 90                        | 114.1    | 46.0                              | ..   | SW.         | SSW.       | lbs. 1.6  | 0.0   | 0.1                                     | 0.5 | 0.05     | 2.2 |    |    |
| TUES.          | 4                   | 29.808       | 70.4     | 51.4         | 19.0              | 59.1                                      | — 0.6            | 53.1  | 6.0              | 17.6                                  | 0.0      | 81                        | 128.1    | 44.2                              | ..   | SW. & WSW.  | WSW. & SW. | lbs. 3.3  | 0.0   | 0.4                                     | 0.5 | 0.03     | 0.5 |    |    |
| WED.           | 5                   | 29.916       | 63.0     | 57.0         | 9.0               | 60.2                                      | + 0.7            | 55.9  | 4.3              | 8.1                                   | 0.4      | 86                        | 99.0     | 56.6                              | ..   | SW. & WSW.  | SW. & SSW. | lbs. 3.1  | 0.0   | 0.6                                     | 0.5 | 0.01     | 7.8 |    |    |
| THURS.         | 6                   | 29.854       | 63.0     | 49.5         | 15.5              | 55.5                                      | — 3.8            | 50.6  | 4.9              | 13.9                                  | 0.9      | 84                        | 112.0    | 43.0                              | ..   | SW. & NW.   | W. & WSW.  | lbs. 5.2  | 0.0   | 0.8                                     | 0.5 | 0.01     | 3.8 |    |    |
| FRI.           | 7                   | 29.904       | 63.2     | 48.6         | 16.6              | 55.4                                      | — 3.6            | 47.8  | 7.6              | 14.4                                  | 0.4      | 76                        | 108.6    | 42.0                              | ..   | WSW. & NW.  | NW. & N.W. | lbs. 4.8  | 0.0   | 0.4                                     | 0.5 | 0.01     | 0.0 |    |    |
| SAT.           | 8                   | 30.206       | 58.3     | 45.0         | 13.3              | 50.6                                      | — 8.2            | 43.6  | 7.0              | 11.6                                  | 1.0      | 77                        | 97.1     | 38.7                              | ..   | N.          | N. & N.E.  | lbs. 6.5  | 0.0   | 1.2                                     | 0.5 | 0.00     | 0.0 |    |    |
| MEANS          |                     | 29.898       | 65.9     | 51.2         | 14.7              | 57.1                                      | — 2.4            | 51.9  | 5.2              | 12.4                                  | 0.5      | 83                        | 110.8    | 46.1                              | ..   | SW. & NW.   | SW. & NW.  | ..  | ..  | ..                                      | ..  | Sum 0.16 | 2.9 |    |    |
| No. of Col.    | 3                   | 4            | 5        | 6            | 7                 | 8   | 9                | 10  | 11               | 12                                    | 13       | 14                        | 15       | 16                                | 17   | 18          | 19         | 20  | 21  | 22                                      | 23  | 24       | 25  | 26 | 27 |

## GENERAL REMARKS.

The height of the cistern of the barometer is 169 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. a.m., noon; 3h. p.m.; and 9h. p.m. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the maximum (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometer records for the 10 years ending 1872.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and — "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; W. weak; M. moderate; S. strong; and V. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright shining on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer decreased from 29.91 in. at the beginning of the week to 29.75 in. by 3h. p.m. on the 3rd; increased to 29.94 in. by 9h. p.m. on the 8th, and decreased to 29.84 in. by 3h. p.m. on the 9th.

Generally overcast. Showery.

Overcast and showery in morning; fine afterwards. At night cloudless.

Fine and partially cloudy till afternoon; overcast afterwards. Rain at night.

Generally overcast; showery in morning.

Cloudy and showery in morning; fine afterwards. Cloudless at night.

Fine generally; partially cloudy till evening, and one or two slight showers fell. Cloudless at night.

Fine; cloudy.

ELECTRICITY.  
(For explanation of symbols, see Note.)

| DATE.      | Registered Sun above horizon, in hours. | Thunder, in hours. | Lightning, in hours. | W. S. E. N. V. |
|------------|---|--------------------|----------------------|----------------|
| SEPTEMBER. |   |                    |                      |                |
| SUNDAY     | 0.2                                     | 13.4               |                      |                |
| MONDAY     | 2.9                                     | 13.4               |                      |                |
| TUESDAY    | 4.5                                     | 13.3               |                      |                |
| WEDNESDAY  | 0.4                                     | 13.2               |                      |                |
| THURSDAY   | 4.0                                     | 13.3               |                      |                |
| FRIDAY     | 6.2                                     | 13.1               |                      |                |
| SATURDAY   | 2.6                                     | 13.0               |                      |                |
| Sum        | 29.8                                    | 92.6               |                      |                |

No record. Instruments under examination.

# WEEKLY RETURN

OF

## BIRTHS AND DEATHS IN LONDON

AND IN

### TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 37. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, SEPTEMBER 15. [Price 1½d.

General Register Office, Somerset House,  
17th September, 1888.

#### TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·7 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |              | TOWNS.             | Weeks ending |             |             |              |
|--------------|--------------|-------------|-------------|--------------|--------------------|--------------|-------------|-------------|--------------|
|              | Aug.<br>25.  | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. |                    | Aug.<br>25.  | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. |
| Birkenhead   | 13·6         | 19·3        | 19·3        | 18·8         | Liverpool - -      | 22·6         | 19·7        | 22·4        | 19·9         |
| Birmingham   | 13·4         | 17·1        | 17·8        | 17·0         | London - -         | 17·5         | 16·4        | 16·0        | 16·2         |
| Blackburn -  | 18·0         | 14·9        | 20·6        | 25·9         | Manchester -       | 23·5         | 24·1        | 22·6        | 25·7         |
| Bolton -     | 19·3         | 21·6        | 21·6        | 21·6         | Newcastle-on-Tyne* | 17·1         | 22·3        | 18·1        | 20·7         |
| Bradford*    | 16·4         | 15·2        | 16·1        | 14·5         | Norwich - -        | 19·5         | 21·7        | 25·1        | 26·2         |
| Brighton -   | 13·0         | 17·0        | 13·9        | 20·0         | Nottingham*        | 15·4         | 12·0        | 15·1        | 15·6         |
| Bristol -    | 11·5         | 11·5        | 12·7        | 14·3         | Oldham - -         | 13·6         | 16·2        | 18·9        | 13·2         |
| Cardiff*     | 17·8         | 15·4        | 18·3        | 14·9         | Plymouth - -       | 17·5         | 10·1        | 19·5        | 18·8         |
| Derby -      | 13·0         | 15·2        | 15·7        | 16·8         | Portsmouth -       | 17·9         | 20·6        | 14·2        | 15·0         |
| Halifax -    | 23·4         | 18·2        | 21·5        | 18·9         | Preston - -        | 31·8         | 22·7        | 24·8        | 25·8         |
| Huddersfield | 14·3         | 17·1        | 18·8        | 16·6         | Salford* - -       | 20·3         | 16·6        | 18·9        | 22·1         |
| Hull - -     | 15·7         | 16·5        | 15·5        | 14·2         | Sheffield - -      | 17·0         | 18·3        | 20·6        | 21·4         |
| Leeds - -    | 24·1         | 25·3        | 24·4        | 22·1         | Sunderland -       | 13·1         | 20·6        | 15·4        | 14·2         |
| Leicester*   | 27·4         | 21·0        | 22·8        | 13·9         | Wolverhampton -    | 28·7         | 14·7        | 15·3        | 13·4         |

The highest annual death-rates, measured by last week's mortality, were:—from *scarlet fever*, 1·1 in Derby and 2·6 in Blackburn; from *whooping-cough*, 2·0 in Halifax and 2·2 in Norwich; from *diarrhoea*, 4·8 in Brighton, 4·9 in Leeds, 5·2 in Sheffield, 5·3 in Leicester, and 7·1 in Preston; and from "*fever*," 1·0 in Birkenhead. The death-rate from *measles* did not reach 1·0 per 1000 in any of the twenty-eight towns. The 35 deaths from *diphtheria* in these towns included 18 in London, 2 in Brighton, 2 in Portsmouth, 3 in Manchester, 2 in Salford, and 2 in Sheffield. *Small-pox* caused one death in Preston, but not one in London, or in any of the twenty-six other great towns.

#### LONDON.

In LONDON† 2488 BIRTHS and 1331 DEATHS were registered. Allowing for increase of population, the births were 217, and the deaths 77, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·5, 16·4, and 16·0 in the three preceding weeks, rose again last week to 16·2. During the eleven weeks ending on Saturday last, the death-rate averaged 16·2 per 1000, and was 3·8 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1331 deaths included 27 from measles, 24 from scarlet fever, 18 from diphtheria, 31 from whooping-cough, 12 from enteric fever, one from an ill-defined form of continued fever, 122 from diarrhœa and dysentery, and one from choleraic diarrhœa; thus, 236 deaths were referred to these diseases, being 19 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 6; no small-pox patients were under treatment in the Metropolitan Asylum Hospitals, and only one in the Highgate Small-pox Hospital, on Saturday last. The fatal cases of *measles*, which had been 47, 39, and 26 in the three preceding weeks, were last week 27, and exceeded the corrected average by 9; 3 belonged to Pancras, 4 to Bethnal Green, 4 to St. George-in-the-East, and 3 to Stepney sanitary areas. The 24 deaths from *scarlet fever* showed a further increase upon recent weekly numbers, but were 15 below the corrected average; 3 belonged to Islington, 2 to Hackney, 4 to Bethnal Green, 2 to Poplar, 2 to St. George Southwark, 2 to Newington, 2 to Lambeth, and 2 to Wandsworth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 826 scarlet fever patients, against numbers increasing from 774 to 805 in the three preceding weeks; 93 cases were admitted during the week, against 93 and 79 in the two previous weeks. The 18 fatal cases of *diphtheria* corresponded both with the number in the preceding week, and with the corrected average; 3 belonged to Paddington, 2 to Kensington, and 2 to Hackney sanitary areas. The 31 deaths from *whooping-cough* were within one of the number in the previous week, and were 3 below the corrected average; 3 belonged to Pancras, and 4 to Camberwell sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 192, 144, and 131 in the three preceding weeks, further declined last week to 122, but exceeded the corrected average by 9; 113 were of children under five years of age, including 87 of infants under one year of age. The death of an infant aged 5 months was referred to *choleraic diarrhœa*.

The deaths referred to *enteric fever*, which had been 2, 7, 10, and 11 in the four preceding weeks, further rose last week to 12, but were 8 below the corrected average; 2 belonged to Marylebone, and 3 to Lambeth sanitary areas. The death of a child aged 2 years was indefinitely referred to low fever. The Metropolitan Asylum Hospitals contained 76 cases of enteric fever, and one of typhus, on Saturday last; 11 cases of enteric fever were admitted during the week, against 7 and 10 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 130 and 148 in the two preceding weeks, further rose last week to 184, and exceeded the corrected average by 2.

Different forms of violence caused 61 deaths; 45 were the result of negligence or accident, among which were 18 from fractures and contusions, 7 from burns and scalds, 5 from drowning, and 12 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in street; 1 by accident on railway; 1 by fall from scaffold; 1 by fall from roof; 1 by fall down stairs; 1 by fall out of bed; 1 by fall from chair; 1 by fall against bedstead; 1 by fall from nurse's arms; 2 by fall, the nature of which was not stated; 1 by striking head against wall; and 1 by injuries received from falling board. An inquest was held in each of these cases. Fifteen cases of suicide were registered, the corrected average being 6.

#### GREATER LONDON.

In Greater London 3285 births and 1671 deaths were registered, corresponding to annual rates of 31·0 and 15·8 per 1000 of the estimated population. In the Outer Ring 34 deaths from diarrhœa, 7 from diphtheria, and 5 from "fever," were registered. Of the fatal cases of diarrhœa, 8 occurred in West Ham and 3 in Richmond sub-districts. The 7 deaths from diphtheria included 2 in Croydon sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·09 ins.; the lowest reading was 29·94 ins. on Monday morning, and the highest was 30·32 ins. on Thursday morning. The mean temperature of the *air* was 54°·5, and 3°·4 below the average in the corresponding weeks of the 20 years ending 1868. The mean was below the average on each of the first six days of the week, but showed an excess on Saturday. The direction of the *wind* was variable, and the horizontal movement of the air averaged 7·7 miles per hour, which was 4·0 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·06 of an inch. The duration of registered bright sunshine in the week was 42·4 hours, against 54·7 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY in 28 GREAT TOWNS, during the week ending 15th September, 1888.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | Registered during<br>the week ending<br>15th Sept., 1888. |         | The DEATHS registered in the week include      |             |          |                   |             |                     |        |            |           |                | TEMPERATURE OF THE AIR.              |                     |                                    |                                |          | RAINFALL. |            | CITIES<br>AND<br>BOROUGH. |                         |             |             |                |
|---------------------------|---|---|---------|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|----------------|--------------------------------------|---------------------|------------------------------------|--------------------------------|----------|-----------|------------|---------------------------|-------------------------|-------------|-------------|----------------|
|                           |   | BIRTHS.   | DEATHS. | Deaths of<br>Persons aged<br>1 Year of<br>Age. | Deaths from |          |                   |             |                     |        |            |           |                |                                      | From All<br>Causes. | From<br>18. Causes.<br>Cols. 6-12. | Mean.                          |          |           | In Inches. |                           | In<br>Centi-<br>metres. |             |             |                |
|                           |   |   |         |  | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. |                     |                                    | Unrecorded<br>Causes of Death. | Highest. | Lowest.   |            |                           |                         | Fahrenheit. | Centigrade. |                |
|                           |   |   |         |  |             |          |                   |             |                     |        |            |           |                |                                      |                     |                                    |                                |          |           |            |                           |                         |             |             |                |
| Cols.                     | 1.  | 2.  | 3.      | 4.   | 5.          | 6.       | 7.                | 8.          | 9.                  | 10.    | 11.        | 12.       | 13.            | 14.                                  | 15.                 | 16.                                | 17.                            | 18.      | 19.       | 20.        | 21.                       | 22.                     | 23.         | 24.         | Cols.          |
| 28 TOWNS*                 | 9,398,273   | 5610  | 3187    | 1087   | 635         | 1        | 39                | 57          | 35                  | 67     | 32         | 391       | 119            | 214                                  | 517                 | 47                                 | 17.7                           | 3.5      | 74.0      | 37.7       | 52.7                      | 11.50                   | 0.14        | 0.36        | - 28 TOWNS.    |
| LONDON*                   | 4,282,921   | 2488  | 1331    | 407  | 280         | -        | 27                | 24          | 18                  | 31     | 13         | 122       | 61             | 103                                  | 312                 | 9                                  | 16.2                           | 2.9      | 74.0      | 41.4       | 54.5                      | 12.50                   | 0.06        | 0.15        | LONDON.        |
| BRIGHTON                  | 119,983   | 67  | 46      | 21   | 10          | -        | -                 | -           | 2                   | 1      | -          | 11        | 1              | 3                                    | 4                   | 1                                  | 7.0                            | -        | -         | -          | -                         | -                       | -           | -           | BRIGHTON.      |
| PORTSMOUTH                | 139,575   | 110   | 40      | 16   | 8           | -        | -                 | -           | 1                   | 2      | -          | 5         | 1              | 3                                    | 4                   | -                                  | 15.0                           | 3.4      | -         | -          | -                         | -                       | -           | -           | PORTSMOUTH.    |
| NORWICH                   | 93,675  | 49  | 47      | 21   | 9           | -        | -                 | -           | -                   | 4      | -          | 7         | 1              | 2                                    | 3                   | -                                  | 26.2                           | 6.1      | -         | -          | -                         | -                       | -           | -           | NORWICH.       |
| PLYMOUTH                  | 77,674  | 67  | 28      | 11   | 9           | -        | -                 | -           | -                   | -      | -          | 5         | -              | -                                    | 1                   | -                                  | 18.8                           | 4.0      | 68.5      | 41.5       | 54.0                      | 12.22                   | 0.00        | 0.00        | PLYMOUTH.      |
| BRISTOL                   | 226,510   | 121   | 62      | 12   | 24          | -        | -                 | 2           | -                   | 3      | 1          | 4         | 2              | 5                                    | 15                  | -                                  | 14.3                           | 2.3      | 70.0      | 38.5       | 52.1                      | 11.17                   | 0.00        | 0.00        | BRISTOL.       |
| WOLVERHAMPTON             | 81,691  | 39  | 21      | 8  | 7           | -        | -                 | 1           | -                   | 1      | -          | 5         | -              | -                                    | -                   | -                                  | 13.4                           | 4.5      | 64.9      | 37.7       | 50.3                      | 10.17                   | 0.01        | 0.03        | WOLVERHAMPTON. |
| BIRMINGHAM                | 447,912   | 275   | 146     | 61   | 29          | -        | 2                 | 1           | 1                   | -      | 2          | 21        | 9              | 17                                   | 22                  | 2                                  | 17.0                           | 3.1      | -         | -          | -                         | -                       | -           | -           | BIRMINGHAM.    |
| LEICESTER*                | 146,790   | 94  | 39      | 21   | 6           | -        | -                 | -           | -                   | 1      | -          | 15        | 1              | 3                                    | 4                   | -                                  | 13.9                           | 5.7      | -         | -          | -                         | -                       | -           | -           | LEICESTER.     |
| NOTTINGHAM*               | 230,921   | 140   | 69      | 21   | 9           | -        | -                 | -           | -                   | -      | 1          | 10        | 3              | 4                                    | 6                   | -                                  | 15.6                           | 2.5      | 67.2      | 37.7       | 52.1                      | 11.17                   | 0.12        | 0.30        | NOTTINGHAM.    |
| DERBY                     | 96,241  | 51  | 31      | 8  | 7           | -        | -                 | 2           | -                   | -      | -          | 3         | 2              | 2                                    | 1                   | -                                  | 16.8                           | 2.7      | -         | -          | -                         | -                       | -           | -           | DERBY.         |
| BIRKENHEAD                | 100,093   | 58  | 36      | 15   | 5           | -        | -                 | -           | -                   | -      | 2          | 6         | -              | 1                                    | 5                   | -                                  | 18.8                           | 4.2      | -         | -          | -                         | -                       | -           | -           | BIRKENHEAD.    |
| LIVERPOOL                 | 599,738   | 335   | 229     | 71   | 43          | -        | 2                 | 3           | 1                   | 8      | 5          | 22        | 16             | 17                                   | 36                  | 10                                 | 19.9                           | 3.6      | 67.0      | 45.7       | 54.5                      | 12.50                   | 0.02        | 0.05        | LIVERPOOL.     |
| BOLTON                    | 113,506   | 68  | 47      | 13   | 12          | -        | -                 | 2           | -                   | -      | -          | 5         | 1              | 2                                    | 2                   | -                                  | 21.6                           | 3.2      | -         | -          | -                         | -                       | -           | -           | BOLTON.        |
| MANCHESTER                | 378,164   | 273   | 186     | 65   | 33          | -        | 2                 | 6           | 3                   | 3      | 1          | 19        | 4              | 10                                   | 36                  | 8                                  | 25.7                           | 4.7      | -         | -          | -                         | -                       | -           | -           | MANCHESTER.    |
| SALFORD*                  | 226,336   | 155   | 96      | 49   | 10          | -        | -                 | 1           | 2                   | 2      | -          | 16        | 3              | 4                                    | 6                   | 2                                  | 23.1                           | 4.8      | -         | -          | -                         | -                       | -           | -           | SALFORD.       |
| OLDHAM                    | 138,220   | 75  | 35      | 9  | 2           | -        | -                 | -           | 1                   | -      | -          | 1         | 1              | 2                                    | 3                   | 1                                  | 13.2                           | 0.8      | -         | -          | -                         | -                       | -           | -           | OLDHAM.        |
| BLACKBURN                 | 119,039   | 83  | 59      | 21   | 9           | -        | -                 | 6           | -                   | -      | -          | 5         | 1              | 3                                    | 1                   | -                                  | 25.9                           | 5.3      | -         | -          | -                         | -                       | -           | -           | BLACKBURN.     |
| PRESTON                   | 103,234   | 80  | 51      | 25   | 8           | 1        | 1                 | 1           | 1                   | -      | -          | 14        | -              | 1                                    | 1                   | 1                                  | 25.8                           | 8.6      | -         | -          | -                         | -                       | -           | -           | PRESTON.       |
| HUDDERSFIELD              | 91,419  | 48  | 29      | 4  | 5           | -        | -                 | -           | -                   | 1      | -          | 1         | 2              | 2                                    | 2                   | 3                                  | 16.6                           | 1.1      | -         | -          | -                         | -                       | -           | -           | HUDDERSFIELD.  |
| HALIFAX                   | 80,183  | 33  | 29      | 6  | 10          | -        | -                 | -           | -                   | 3      | -          | -         | -              | -                                    | 3                   | 1                                  | 18.9                           | 2.0      | -         | -          | -                         | -                       | -           | -           | HALIFAX.       |
| BRADFORD*                 | 229,721   | 113   | 64      | 25   | 8           | -        | 1                 | -           | -                   | -      | -          | 8         | -              | 6                                    | 10                  | 1                                  | 14.5                           | 2.0      | 65.0      | 49.0       | 53.1                      | 11.72                   | 0.06        | 0.15        | BRADFORD.      |
| LEEDS                     | 351,210   | 222   | 149     | 64   | 32          | -        | 2                 | 1           | -                   | 4      | 1          | 33        | 1              | 4                                    | 12                  | 2                                  | 22.1                           | 6.1      | -         | -          | -                         | -                       | -           | -           | LEEDS.         |
| SHEFFIELD                 | 321,711   | 187   | 132     | 49   | 23          | -        | 3                 | 2           | 1                   | 1      | 1          | 32        | 4              | 8                                    | 10                  | 4                                  | 21.4                           | 6.3      | -         | -          | -                         | -                       | -           | -           | SHEFFIELD.     |
| HULL                      | 202,359   | 114   | 55      | 24   | 9           | -        | -                 | -           | 1                   | 2      | -          | 10        | 2              | 2                                    | 4                   | -                                  | 14.2                           | 3.6      | 65.0      | 42.0       | 51.9                      | 11.06                   | 0.72        | 1.83        | HULL.          |
| SUNDERLAND                | 131,919   | 86  | 36      | 17   | 6           | -        | -                 | 1           | -                   | 1      | -          | 5         | -              | 1                                    | 1                   | 1                                  | 14.2                           | 2.8      | -         | -          | -                         | -                       | -           | -           | SUNDERLAND.    |
| NEWCASTLE*                | 159,008   | 108   | 63      | 16   | 14          | -        | -                 | -           | -                   | -      | 2          | 3         | 2              | 4                                    | 11                  | -                                  | 20.7                           | 2.0      | 68.0      | 43.0       | 51.7                      | 10.94                   | 0.29        | 0.74        | NEWCASTLE.     |
| CARDIFF*                  | 108,570   | 71  | 31      | 7  | 8           | -        | 1                 | -           | -                   | 1      | 1          | 3         | 2              | 2                                    | 6                   | 2                                  | 14.9                           | 2.9      | -         | -          | -                         | -                       | -           | -           | CARDIFF.       |
| EDINBURGH                 | 292,733   | 134   | 70      | 24   | 9           | -        | -                 | -           | -                   | -      | 2          | 5         | -              | -                                    | ?                   | 19                                 | 13                             | 13.9     | 1.4       | 70.0       | 39.8                      | 52.4                    | 11.33       | 0.46        | EDINBURGH.     |
| GLASGOW                   | 526,088   | 367   | 169     | 42   | 29          | -        | 1                 | 3           | 2                   | 5      | -          | 15        | 4              | ?                                    | ?                   | 19                                 | 17                             | 16.8     | 2.6       | -          | -                         | -                       | -           | -           | GLASGOW.       |
| DUBLIN                    | 363,052   | 185   | 131     | 33   | 28          | -        | 1                 | 3           | ?                   | 3      | 1          | 10        | 3              | 1                                    | 31                  | 26                                 | 19.4                           | 2.7      | 65.8      | 34.8       | 51.9                      | 11.06                   | 0.10        | 0.25        | DUBLIN.        |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-SEVENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2373 | 2394 | 2382 | 2493 | 2430 | 2488 | 2604 | 2542 | 2589 | 2506 | 2701.5   | 2488 |
| Males . .           | 1202 | 1199 | 1213 | 1245 | 1248 | 1256 | 1340 | 1330 | 1284 | 1283 | 1374.0   | 1277 |
| Females .           | 1171 | 1195 | 1169 | 1248 | 1182 | 1232 | 1264 | 1212 | 1305 | 1223 | 1330.5   | 1211 |
| <b>TOTAL Deaths</b> | 1259 | 1262 | 1488 | 1151 | 1269 | 1260 | 1373 | 1231 | 1403 | 1266 | 1408.0   | 1331 |
| Males . .           | 645  | 663  | 764  | 580  | 634  | 661  | 686  | 633  | 724  | 658  | 724.9  | 664  |
| Females .           | 614  | 599  | 724  | 571  | 635  | 599  | 687  | 598  | 679  | 608  | 683.1  | 667  |

\* The numbers in this column are the average weekly numbers in the thirty-seventh weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | June<br>23. | June<br>30. | July<br>7. | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. |     |
|--|---|--------------|-------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|--------------|-----|
| <b>TOTAL Births</b>                      | - | -            | 2534        | 2289        | 2348       | 2520        | 2385        | 2353        | 2530       | 2228        | 2604        | 2401        | 2508        | 2475        | 2488         |     |
| <b>TOTAL Deaths</b>                      | - | -            | 1190        | 1238        | 1211       | 1288        | 1297        | 1308        | 1309       | 1476        | 1330        | 1438        | 1342        | 1316        | 1331         |     |
| 0—20                                     | - | -            | 536         | 562         | 576        | 623         | 636         | 670         | 726        | 816         | 713         | 838         | 730         | 701         | 666          |     |
| 20—40                                    | - | -            | 149         | 171         | 172        | 160         | 163         | 155         | 131        | 174         | 173         | 133         | 159         | 145         | 159          |     |
| 40—60                                    | - | -            | 226         | 213         | 203        | 229         | 242         | 206         | 205        | 238         | 177         | 202         | 208         | 205         | 226          |     |
| 60—80                                    | - | -            | 242         | 241         | 205        | 230         | 202         | 217         | 195        | 217         | 217         | 221         | 204         | 233         | 235          |     |
| at 80 years & upwds.                     | - | -            | 37          | 51          | 50         | 41          | 49          | 60          | 52         | 41          | 50          | 39          | 41          | 42          | 45           |     |
| Deaths of children                       | { | Under 1 year | -           | 281         | 297        | 302         | 359         | 384         | 385        | 449         | 493         | 444         | 500         | 441         | 426          | 407 |
|  |   | 1—5          | -           | 155         | 178        | 203         | 182         | 177         | 186        | 200         | 233         | 187         | 260         | 219         | 202          | 195 |
|  |   | 5—20         | -           | 100         | 87         | 71          | 87          | 75          | 99         | 77          | 90          | 82          | 78          | 70          | 73           | 64  |
| Deaths from Small-pox                    | - | -            | -           | -           | -          | 1           | 1           | -           | -          | -           | -           | -           | -           | -           | -            | -   |
| "    "    Measles                        | - | -            | 18          | 20          | 29         | 26          | 25          | 40          | 29         | 51          | 33          | 47          | 39          | 26          | 27           |     |
| "    "    Scarlet fever                  | - | -            | 10          | 19          | 10         | 13          | 14          | 23          | 18         | 17          | 17          | 21          | 15          | 19          | 24           |     |
| "    "    Diphtheria                     | - | -            | 15          | 28          | 29         | 24          | 15          | 21          | 19         | 25          | 13          | 17          | 23          | 18          | 18           |     |
| "    "    Whooping-cough                 | - | -            | 33          | 27          | 31         | 32          | 33          | 30          | 25         | 27          | 20          | 28          | 24          | 32          | 31           |     |
| "    "    Typhus                         | - | -            | -           | -           | -          | -           | -           | -           | -          | -           | 2           | -           | -           | -           | -            |     |
| "    "    Enteric fever                  | - | -            | 15          | 10          | 7          | 12          | 8           | 15          | 9          | 6           | 2           | 7           | 10          | 11          | 12           |     |
| "    "    Simple Cont <sup>d</sup> fever | - | -            | -           | -           | 2          | 1           | -           | 1           | -          | 1           | 1           | -           | 1           | 1           | 1            |     |
| "    "    Diarrhoea and Dysentery        | - | -            | 18          | 36          | 51         | 72          | 62          | 89          | 121        | 133         | 162         | 192         | 144         | 131         | 122          |     |
| "    "    Cholera                        | - | -            | -           | 2           | 3          | 3           | 2           | 4           | 4          | 5           | 4           | 7           | 2           | 3           | 1            |     |
| Deaths from the above-mentioned Diseases | - | -            | 109         | 142         | 156        | 189         | 160         | 223         | 225        | 270         | 254         | 319         | 258         | 241         | 236          |     |
| "    "    Dis. of Respiratory System     | - | -            | 184         | 156         | 176        | 164         | 166         | 160         | 167        | 183         | 167         | 172         | 130         | 148         | 184          |     |
| "    "    Phthisis                       | - | -            | 133         | 117         | 114        | 114         | 141         | 117         | 123        | 131         | 134         | 108         | 125         | 122         | 132          |     |
| "    "    Dis. of Circulatory System     | - | -            | 95          | 101         | 96         | 110         | 118         | 92          | 93         | 123         | 85          | 84          | 91          | 109         | 93           |     |
| Violent Deaths                           | - | -            | 63          | 64          | 65         | 56          | 54          | 63          | 49         | 56          | 47          | 47          | 53          | 32          | 61           |     |
| Inquest Cases                            | - | -            | 105         | 111         | 107        | 125         | 104         | 89          | 97         | 100         | 91          | 87          | 88          | 71          | 103          |     |
| Deaths in Public Institutions            | - | -            | 280         | 302         | 285        | 300         | 314         | 305         | 260        | 341         | 296         | 303         | 292         | 296         | 312          |     |
| TEMPERATURE OF THE AIR                   | - | -            | 54.2        | 61.9        | 56.4       | 55.8        | 59.4        | 60.3        | 56.9       | 63.9        | 56.4        | 60.0        | 56.6        | 57.1        | 54.5         |     |
| Mean                                     | - | -            | 61.8        | 72.3        | 65.3       | 64.7        | 68.6        | 69.9        | 67.5       | 75.2        | 67.1        | 70.2        | 66.4        | 65.9        | 66.3         |     |
| Mean of Highest readings                 | - | -            | 48.1        | 54.3        | 50.8       | 48.2        | 52.8        | 53.8        | 50.4       | 54.3        | 48.6        | 51.8        | 48.4        | 51.2        | 44.7         |     |
| Mean of Lowest readings                  | - | -            | -           | -           | -          | -           | -           | -           | -          | -           | -           | -           | -           | -           | -            |     |
| Humidity of the Air                      | - | -            | 86          | 83          | 87         | 77          | 88          | 81          | 87         | 75          | 77          | 82          | 81          | 83          | 83           |     |
| Rain-fall in inches                      | - | -            | 0.27        | 2.37        | 0.90       | 0.44        | 1.61        | 1.11        | 4.29       | 0.11        | 0.00        | 0.81        | 1.22        | 0.16        | 0.06         |     |
| Registered Sunshine (in hours)           | - | -            | 17.7        | 29.9        | 18.5       | 23.2        | 11.8        | 34.8        | 22.0       | 47.5        | 27.8        | 29.2        | 32.2        | 20.8        | 42.4         |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.;—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelego, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Aclandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-SEVENTH Week of the Year 1888.

| CAUSES OF DEATH.                                | Corrected Averages for the 37 Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 15th September 1888. |           |      |       |                  |                  |                  |                       |   |           | CAUSES OF DEATH. | Corrected Averages for the 37 Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 15th September 1888. |                  |                  |                       |      |       |  |  |  |  |
|---|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|-----------|------------------|---|---|------------------|------------------|-----------------------|------|-------|--|--|--|--|
|   |   | Deaths of Persons of the Ages                     |           |      |       |                  |                  |                  |                       |   |           |                  |   | Deaths of Persons of the Ages                     |                  |                  |                       |      |       |  |  |  |  |
|   |   | ALL AGES.   | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | ALL AGES.   | Under 20. |                  |   | 20 and under 40.                                  | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |      |       |  |  |  |  |
|   |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   | 0-1.      |                  |   |   |                  |                  |                       | 1-5. | 5-20. |  |  |  |  |
| ALL CAUSES - -                                  | 1408.0  | 1331  | 407       | 195  | 64    | 159              | 226              | 235              | 45                    | Diseases of Organs of Special Sense † - -               | 8.1       | 3                | -   | 1   | 1                | -                | -                     | 1    | -     |  |  |  |  |
| Small-pox { Vaccinated † - -                    | 6.3   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - -                    | 88.3      | 93               | -   | -   | 8                | 19               | 30                    | 35   | 1     |  |  |  |  |
| Unvaccinated - - -                              |   | -   | -         | -    | -     | -                | -                | -                | -                     | Croup - - -   | 13.0      | 9                | 1   | 6   | 2                | -                | -                     | -    | -     |  |  |  |  |
| No Statement - - -                              |   | -   | -         | -    | -     | -                | -                | -                | -                     | Bronchitis - - -  | 95.4      | 103              | 31  | 24  | 5                | 17               | 19                    | 8    | 8     |  |  |  |  |
| Measles - - -                                   | 17.9  | 27  | 10        | 17   | -     | -                | -                | -                | -                     | Pneumonia - - -   | 50.7      | 46               | 14  | 11  | 3                | 10               | 5                     | 1    | -     |  |  |  |  |
| Scarlet Fever - - -                             | 39.1  | 24  | 1         | 17   | 6     | -                | -                | -                | -                     | Pleurisy - - -  | 8.9       | 3                | -   | 1   | 1                | -                | -                     | -    | -     |  |  |  |  |
| Diphtheria - - -                                | 1.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - -                | 18.9      | 20               | 4   | 6   | -                | 2                | 2                     | 6    | -     |  |  |  |  |
| Erysipelas - - -                                | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Dentition † - -   | 9.2       | 10               | 5   | 5   | -                | -                | -                     | -    | -     |  |  |  |  |
| Relapsing Fever † -                             | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † -                                 | 1.8       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Influenza - - -                                 | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     | Enteritis - - -   | 10.3      | 16               | 7   | 3   | 1                | 1                | 1                     | 2    | 1     |  |  |  |  |
| Whooping-cough - -                              | 33.7  | 31  | 14        | 16   | -     | 1                | -                | -                | -                     | Peritonitis - - -                                       | 5.7       | 4                | 1   | -   | 1                | 1                | -                     | -    | -     |  |  |  |  |
| Rhitharia - - -                                 | 18.3  | 18  | 2         | 10   | 6     | -                | -                | -                | -                     | Diseases of Liver - -                                   | 31.7      | 14               | -   | -   | 1                | 4                | 6                     | 4    | -     |  |  |  |  |
| Simple Continued and Ill-defined Fever † -      | 1.9   | 1   | -         | 1    | -     | -                | -                | -                | -                     | Other Diseases of Digestive System -                    | 28.0      | 28               | 10  | -   | -                | 2                | 3                     | 11   | 2     |  |  |  |  |
| Enteric Fever - - -                             | 20.3  | 12  | -         | 1    | 4     | 5                | 1                | 1                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - | 1.9       | 1                | -   | -   | 1                | -                | -                     | -    | -     |  |  |  |  |
| Cholera - - -                                   | 8.4   | 1   | 1         | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System - - -                        | 33.3      | 45               | 1   | -   | -                | 10               | 19                    | 15   | -     |  |  |  |  |
| Paratyphoid, Dysentery, and Eruptive Fevers † - | 112.8   | 122   | 87        | 26   | -     | 1                | 4                | 3                | 1                     | Diseases of Generative System - - -                     | 4.1       | 7                | 1   | -   | -                | 3                | 3                     | -    | -     |  |  |  |  |
| Hydrophobia - - -                               | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth -                               | 3.5       | 5                | -   | -   | -                | 4                | 1                     | -    | -     |  |  |  |  |
| Landers - - -                                   | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Locomotive System † - - -                   | 7.6       | 3                | -   | -   | -                | 1                | 1                     | 1    | -     |  |  |  |  |
| Scabies and Effects of Vaccination † - -        | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Integumentary System - - -                  | 5.9       | 4                | 2   | -   | -                | 1                | 1                     | -    | -     |  |  |  |  |
| General Affections -                            | 12.5  | 17  | 14        | -    | -     | 1                | -                | 2                | -                     | VIOLENT DEATHS. ‡                                       |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Erysipelas - - -                                | 6.4   | 2   | -         | -    | -     | 1                | -                | 1                | -                     | ACCIDENT.)  |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Septicæmia and Septicæmia †                     | 3.2   | 4   | 1         | -    | -     | 1                | 2                | -                | -                     | Fracture and Contusion                                  | 23.0      | 18               | 4   | 4   | -                | 3                | 3                     | 3    | 1     |  |  |  |  |
| Intermittent Fever - -                          | 3.7   | 4   | -         | -    | -     | 3                | 1                | -                | -                     | Gunshot Wound - - -                                     | 0.2       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Zymotic Diseases † -                            | 0.9   | -   | -         | -    | -     | -                | -                | -                | -                     | Cut, Stab - - -   | 0.3       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Rush - - -                                      | 8.6   | 1   | 1         | -    | -     | -                | -                | -                | -                     | Burn and Scald - - -                                    | 4.1       | 7                | -   | 3   | 2                | 2                | -                     | -    | -     |  |  |  |  |
| Scurvy and other Parasitic Diseases - - -       | 0.3   | -   | -         | -    | -     | -                | -                | -                | -                     | Poison - - -  | 1.3       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Starvation, Want of Breast-milk † - -           | 1.6   | 4   | 4         | -    | -     | -                | -                | -                | -                     | Drowning - - -  | 5.0       | 5                | -   | -   | 1                | 1                | 3                     | -    | -     |  |  |  |  |
| Alcoholism - - -                                | 4.1   | 3   | -         | -    | -     | 2                | 1                | -                | -                     | Suffocation - - -                                       | 8.7       | 14               | 12  | -   | -                | 1                | 1                     | -    | -     |  |  |  |  |
| Eumatiæ Fever, Rheumatism of Heart †            | 7.6   | 3   | -         | -    | -     | 2                | 1                | -                | -                     | Otherwise - - -   | 2.7       | 1                | 1   | -   | -                | 1                | -                     | -    | -     |  |  |  |  |
| Eumatiæ † - - -                                 | 1.6   | 4   | -         | -    | -     | -                | 4                | -                | -                     | (HOMICIDE.)   |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Ut - - -  | 2.7   | 2   | -         | -    | -     | -                | 2                | -                | -                     | Murder & Manslaughter                                   | 1.5       | 1                | 1   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Skets † - - -                                   | 3.7   | 4   | 1         | 3    | -     | -                | -                | -                | -                     | (SUICIDE.)  |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Scor - - -                                      | 53.5  | 57  | -         | -    | -     | 3                | 23               | 26               | 2                     | Gunshot Wound - - -                                     | 0.4       | 3                | -   | -   | -                | 3                | -                     | -    | -     |  |  |  |  |
| Scor Mesenterica - -                            | 44.7  | 31  | 21        | 8    | -     | 2                | -                | -                | -                     | Cut, Stab - - -   | 1.3       | 1                | -   | -   | -                | 1                | -                     | -    | -     |  |  |  |  |
| Cerebral Meningitis -                           | 27.5  | 13  | 4         | 7    | 1     | 1                | -                | -                | -                     | Poison - - -  | 1.2       | 3                | -   | -   | -                | 1                | 1                     | 1    | -     |  |  |  |  |
| Cholera - - -                                   | 161.7   | 132   | 1         | 6    | 14    | 64               | 38               | 9                | -                     | Drowning - - -  | 1.5       | 3                | -   | -   | -                | -                | 2                     | -    | -     |  |  |  |  |
| Ofelia, Tuberculosis -                          | 18.6  | 17  | 7         | 2    | 3     | 3                | -                | -                | -                     | Hanging - - -   | 1.1       | 3                | -   | -   | 1                | -                | 1                     | -    | -     |  |  |  |  |
| Scar Constitutional Diseases † - -              | 8.3   | 6   | 3         | -    | -     | -                | 3                | -                | -                     | Otherwise - - -   | 0.8       | 3                | -   | -   | -                | 1                | 2                     | -    | -     |  |  |  |  |
| Maternal Birth - - -                            | 33.6  | 38  | 33        | -    | -     | -                | -                | -                | -                     | (EXECUTION.)  |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Lactasia † - - -                                | 1.1   | 5   | 5         | -    | -     | -                | -                | -                | -                     | Hanging - - -   | 0.0       | -                | -   | -   | -                | -                | -                     | -    | -     |  |  |  |  |
| Unnatural Malformations - -                     | 6.2   | 4   | 4         | -    | -     | -                | -                | -                | -                     | OTHER CAUSES † - -                                      | 72.1      | 61               | 51  | 5   | -                | -                | 1                     | 2    | 2     |  |  |  |  |
| Age - - -                                       | 44.9  | 43  | -         | -    | -     | -                | 25               | 18               | -                     |   |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Emphysema - - -                                 | 37.6  | 51  | 1         | -    | -     | 1                | 22               | 24               | 3                     |   |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Lepra - - -                                     | 6.3   | 5   | -         | -    | -     | 1                | 3                | 1                | -                     |   |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Scabies - - -                                   | 40.9  | 37  | 34        | 3    | -     | -                | -                | -                | -                     |   |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |
| Other Diseases of Brain and Nervous System -    | 73.2  | 71  | 9         | 9    | 8     | 6                | 13               | 21               | 5                     |   |           |                  |   |   |                  |                  |                       |      |       |  |  |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospital, outside Registration London (see Table 5). The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.04 per cent. for increase of population. As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used. In those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical man, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SO during the Week of

|   |  | The DEATHS registered in the Week include         |  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |  |                   |                                |
|---|--|---|--|----------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|--|-------------------|--------------------------------|
| REGISTRATION SUB-DISTRICTS.   |  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total DEATHS during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     |  | Inquest<br>Cases. | Deaths in Public<br>Buildings. |
|   |  |   |  |                                  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |  |                   |                                |
| LONDON . . . . .  |  | 3,815,704   | 2488                                   | 1331                             | 407                             | 280                                 | -           | 27       | 24             | 13          | 31              | -       | 12                             | 1                            | 122        | 61        | 103 |  |                   |                                |
| West Districts . . . . .  |  | 669,638   | 349                                    | 238                              | 61                              | 56                                  | -           | 2        | -              | 6           | 4               | -       | 2                              | -                            | 21         | 7         | 13  |  |                   |                                |
| North Districts . . . . .   |  | 905,947   | 598                                    | 272                              | 63                              | 70                                  | -           | 5        | 8              | 3           | 5               | -       | 4                              | -                            | 18         | 11        | 20  |  |                   |                                |
| Central Districts . . . . .   |  | 282,238   | 160                                    | 98                               | 40                              | 18                                  | -           | -        | -              | 2           | 2               | -       | -                              | -                            | 18         | 3         | 11  |  |                   |                                |
| East Districts . . . . .  |  | 692,738   | 463                                    | 273                              | 98                              | 48                                  | -           | 15       | 6              | 1           | 7               | -       | 1                              | -                            | 28         | 13        | 20  |  |                   |                                |
| South Districts . . . . .   |  | 1,265,143   | 920                                    | 450                              | 145                             | 90                                  | -           | 5        | 10             | 6           | 13              | -       | 5                              | 1                            | 87         | 27        | 39  |  |                   |                                |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -   | -                                      | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| WEST DISTRICTS.   |  |   |  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |  |                   |                                |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69883   | 39                                     | 32                               | 6                               | 9                                   | -           | -        | -              | 3           | -               | -       | 1                              | -                            | 1          | 1         | 2   |  |                   |                                |
| St. John Paddington H - - - G.J.  |  | 37330   | 4                                      | 16                               | 1                               | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | 2   |  |                   |                                |
| Kensington Town Ww - - - W.M.   |  | 120141  | 61                                     | 41                               | 9                               | 11                                  | -           | -        | -              | 2           | 1               | -       | 1                              | -                            | 2          | 1         | 2   |  |                   |                                |
| Brompton HH - - - W.M. & C.   |  | 43010   | 13                                     | 15                               | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   |  |                   |                                |
| St. Peter Hammersmith - - - W.M.  |  | 7289  | 5                                      | 3                                | 3                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   |  |                   |                                |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340   | 50                                     | 17                               | 6                               | -                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 3          | 1         | 1   |  |                   |                                |
| Fulham Ww - - - W.M. & C.   |  | 42900   | 49                                     | 29                               | 12                              | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 6          | 1         | 2   |  |                   |                                |
| Chelsea South HHH - - - C.  |  | 30396   | 12                                     | 12                               | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -   |  |                   |                                |
| Chelsea North-west WHHHH - C.   |  | 24925   | 16                                     | 8                                | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| Chelsea North-east - - - C.   |  | 32807   | 23                                     | 9                                | 2                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | 3   |  |                   |                                |
| May Fair WW - - - G.J.  |  | 30383   | 6                                      | 18                               | 3                               | 10                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | -         | 18  |  |                   |                                |
| Belgrave WHHH - - - C.  |  | 49220   | 26                                     | 14                               | 3                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 1   |  |                   |                                |
| St. John Westminster HHH - C.   |  | 35493   | 18                                     | 13                               | 6                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 8   |  |                   |                                |
| St. Margaret Westminster H - C.   |  | 24797   | 7                                      | 2                                | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                   |                                |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941   | 9                                      | 6                                | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                   |                                |
| St. Anne Soho HHHHHH - N.R.   |  | 18608   | 11                                     | 3                                | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| NORTH DISTRICTS.  |  |   |  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |  |                   |                                |
| All Souls Marylebone HHHH - W.M.  |  | 26769   | 13                                     | 5                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   |  |                   |                                |
| Cavendish Square HHHH - - W.M.  |  | 14381   | 1                                      | 4                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809   | 8                                      | 4                                | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                   |                                |
| St. Mary Maryleb. HHH G.J. & W.M.   |  | 21118   | 36                                     | 4                                | 3                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                   |                                |
| Christchurch Marylebone H - W.M.  |  | 33700   | 16                                     | 3                                | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   |  |                   |                                |
| St. John Marylebone H - - W.M.  |  | 33633   | 14                                     | 8                                | -                               | 4                                   | -           | -        | -              | -           | -               | 2       | -                              | -                            | 2          | 2         | -   |  |                   |                                |
| Hampstead WwHHHH N.R. & W.M.  |  | 45452   | 31                                     | 11                               | 2                               | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   |  |                   |                                |
| Regent's Park Pancras H - - W.M.  |  | 89115   | 22                                     | 7                                | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                   |                                |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729   | 13                                     | 10                               | 3                               | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 2          | 2         | 8   |  |                   |                                |
| Gray's Inn Lane HHH - - N.R.  |  | 30247   | 10                                     | 3                                | 1                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 8   |  |                   |                                |
| Somers Town H - - - N.R.  |  | 34389   | 23                                     | 13                               | 1                               | 2                                   | -           | 2        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 9   |  |                   |                                |
| Camden Town WH - - - N.R.   |  | 17311   | 10                                     | 10                               | 2                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                   |                                |
| Kenilworth W - - - N.R.   |  | 87437   | 69                                     | 31                               | 6                               | 9                                   | -           | 1        | 1              | -           | 1               | -       | -                              | -                            | 3          | 1         | 1   |  |                   |                                |
| Upper Holloway WwWH - N.R.  |  | 67946   | 57                                     | 32                               | 7                               | 11                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 3   |  |                   |                                |
| Islington South-west HH - N.R.  |  | 100976  | 65                                     | 26                               | 9                               | 6                                   | -           | -        | 2              | -           | -               | 1       | -                              | -                            | 3          | 1         | 1   |  |                   |                                |
| Islington South-east - N.R.   |  | 161835  | 44                                     | 14                               | 5                               | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 2   |  |                   |                                |
| Highbury H - - - N.R.   |  | 52048   | 29                                     | 10                               | 5                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1   |  |                   |                                |
| Stoke Newington H - - - N.R.  |  | 22781   | 16                                     | 7                                | -                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1   |  |                   |                                |
| Stamford Hill - - - E.L.  |  | 9277  | 11                                     | 4                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                   |                                |
| West Hackney H - - - N.R.   |  | 37610   | 26                                     | 12                               | 2                               | 4                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                   |                                |
| Hackney WwWH - - - E.L. & N.R.  |  | 76911   | 60                                     | 28                               | 8                               | 6                                   | -           | 1        | 3              | 1           | -               | -       | 1                              | -                            | 2          | -         | 1   |  |                   |                                |
| South Hackney - - - E.L.  |  | 39483   | 22                                     | 10                               | 4                               | 2                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | 3          | -         | -   |  |                   |                                |
| CENTRAL DISTRICTS.  |  |   |  |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |  |                   |                                |
| St. George Bloomsbury - - - N.R.  |  | 16681   | 7                                      | 3                                | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| St. Giles South WE - - - N.R.   |  | 14884   | 17                                     | 7                                | 6                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | 3   |  |                   |                                |
| St. Giles North - - - N.R.  |  | 18837   | 6                                      | 2                                | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508   | 4                                      | 5                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 3   |  |                   |                                |
| St. Mary-le-Strand H - - - N.R.   |  | 7515  | 5                                      | 3                                | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| St. Clement Danes H - - - N.R.  |  | 8569  | 4                                      | 3                                | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   |  |                   |                                |
| Strand Union Workhouse, Edmonton w.   |  | -   | -                                      | 2                                | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   |  |                   |                                |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18671   | 11                                     | 9                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                   |                                |
| St. Andrew Eastern W - - - N.R.   |  | 10706   | 11                                     | 2                                | 1                               | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                   |                                |
| Salmon Hill H - - - N.R.  |  | 6533  | 3                                      | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                   |                                |
| St. James Clerkenwell - - - N.R.  |  | 17516   | 10                                     | 8                                | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | 1         | 3   |  |                   |                                |
| Amwell Clerkenwell - - - N.R.   |  | 19281   | 8                                      | 9                                | 6                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 4          | -         | -   |  |                   |                                |
| Pentonville - - - N.R.  |  | 14773   | 13                                     | 4                                | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   |  |                   |                                |
| Goodwell-street - - - N.R.  |  | 17506   | 7                                      | 6                                | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | 1   |  |                   |                                |
| Old-street H - - - N.R.   |  | 11541   | 12                                     | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| City-road HHL - - - N.R.  |  | 18628   | 25                                     | 6                                | 4                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 3          | -         | 2   |  |                   |                                |
| Whitecross-street - - - N.R.  |  | 9217  | 2                                      | 3                                | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| Finsbury - - - N.R.   |  | 7493  | 6                                      | 1                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   |  |                   |                                |
| Holborn Union Workhouse, Mitcham, w.  |  | -   | -                                      | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| St. Botolph H - - - N.R. & E.L.   |  | 11174   | 3                                      | 1                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                   |                                |
| Cripplegate - - - N.R.  |  | 7193  | 1                                      | 2                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                   |                                |
| St. Sepulchre H - - - N.R.  |  | 8553  | 1                                      | 18                               | 1                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 13  |  |                   |                                |
| St. Bride W - - - N.R.  |  | 8396  | 3                                      | 3                                | -                               | -                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| Allhallows Barking - - - N.R.   |  | 13666   | 1                                      | 3                                | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |
| Broad Street H - - - N.R.   |  | 3682  | 1                                      | 1                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                   |                                |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.





TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 15th September, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                  |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                  |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 797     | 340     | 108                                       | 85                                  | -           | 1        | 4              | 7           | 2               | 5      | 34         | 8         | 21             | 5                |
| 80:1  | Carshalton wL -                | 12228  | 21118   | 20      | 9       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                |
| 2   | Epsom (part of)* WwH           | 9071   | 10710   | 6       | 8       | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 37:1  | Godstone (part of)* -          | 2754   | 1235  | 1       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 38:1  | Croydon WwHHL -                | 20651  | 101241  | 59      | 33      | 8   | 3                                   | -           | -        | -              | 2           | -               | -      | -          | -         | 2              | 1                |
| 2   | Mitcham w† -                   | 11697  | 17932   | 11      | 4       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 39:1  | Wimbledon HHH -                | 3220   | 15950   | 12      | 6       | 3   | 1                                   | -           | -        | 1              | 1           | -               | -      | -          | 1         | 1              | -                |
| 2   | Kingston WHH -                 | 8549   | 36354   | 25      | 11      | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 3   | Esher (part of)* -             | 6601   | 9221  | 5       | 4       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                |
| 4   | Hampton H -                    | 4578   | 13539   | 6       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 40:1  | Richmond WH -                  | 2272   | 21302   | 17      | 6       | 2   | -                                   | -           | -        | -              | -           | -               | -      | 3          | -         | -              | -                |
| 2   | Mortlake -                     | 2941   | 12331   | 6       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 41:1  | Bromley (pt. of)* HH           | 15669  | 31142   | 38      | 7       | 3   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15844   | 6       | 8       | 2   | 5                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                |
| 42:1  | Bexley H -                     | 13437  | 24134   | 14      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 2   | Dartford (Ww, pts. of)* -      | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 124:1   | Sunbury w -                    | 11055  | 11685   | 8       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 2   | Staines W -                    | 13277  | 12089   | 11      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1              | -                |
| 125:1   | Hillingdon WHH -               | 6029   | 10802   | 11      | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 2   | Uxbridge -                     | 6178   | 3225  | 3       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 3   | Hayes wHL -                    | 14537  | 11523   | 7       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 126:1   | Isleworth WHH -                | 7008   | 22727   | 12      | 9       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | 2         | 2              | -                |
| 2   | Twickenham H -                 | 2477   | 12479   | 16      | 5       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 3   | Brentford HL -                 | 4345   | 27649   | 21      | 9       | 2   | 2                                   | -           | -        | -              | -           | -               | 1      | 2          | -         | 1              | -                |
| 4   | Chiswick -                     | 1340   | 15975   | 9       | 3       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 5   | Acton wH -                     | 6082   | 22876   | 15      | 6       | 4   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                |
| 127:1   | Harrow H -                     | 13809  | 12796   | 14      | 5       | -   | 3                                   | -           | -        | -              | 1           | -               | -      | -          | 1         | 1              | -                |
| 2   | Edgware H -                    | 6994   | 3749  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 3   | Willesden -                    | 4383   | 27453   | 34      | 16      | 6   | 4                                   | -           | -        | -              | -           | -               | 1      | -          | -         | 1              | -                |
| 4   | Hendon W -                     | 8382   | 10484   | 8       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                |
| 137:1   | Bushey -                       | 9331   | 6621  | 7       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 2   | Watford (W, pt. of)* -         | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 138:1   | South Mimms -                  | 15599  | 6391  | 4       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                |
| 2   | Barnet -                       | 5433   | 10092   | 4       | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 3   | Finsley HL -                   | 4688   | 17615   | 12      | 10      | 2   | 1                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | 1              | -                |
| 135:1   | Hatfield (part of)* -          | 3306   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 129:1   | Hornsey H -                    | 3039   | 37078   | 21      | 11      | 4   | 2                                   | -           | -        | 1              | -           | -               | 1      | -          | -         | -              | -                |
| 2   | Tottenham H -                  | 4642   | 46456   | 54      | 21      | 5   | 4                                   | -           | -        | -              | -           | -               | 1      | 2          | 2         | 3              | -                |
| 3   | Edmonton Ww† -                 | 7483   | 23463   | 19      | 12      | 5   | 2                                   | -           | -        | -              | -           | -               | -      | 2          | -         | 1              | -                |
| 4   | Enfield WH -                   | 12633  | 19104   | 22      | 5       | -   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1              | -                |
| 5   | Waltham Abbey -                | 11017  | 3368  | 1       | 3       | 1   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                |
| 6   | Cheshunt -                     | 8490   | 7735  | 5       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                |
| 136:1   | Stratford -                    | 882  | 38006   | 31      | 9       | 4   | 1                                   | -           | 1        | -              | -           | -               | -      | 1          | -         | -              | -                |
| 2   | West Ham wwwwH§ -              | 7351   | 101053  | 125     | 40      | 20  | 1                                   | -           | -        | 1              | -           | -               | 1      | 8          | -         | 2              | -                |
| 3   | Leyton WwL -                   | 4372   | 32430   | 34      | 17      | 7   | 4                                   | -           | -        | 1              | -           | -               | -      | 2          | -         | -              | -                |
| 4   | Walthamstow H -                | 6520   | 28869   | 34      | 12      | 7   | 2                                   | -           | -        | -              | -           | -               | -      | 2          | -         | 1              | -                |
| 137:1   | Chigwell (part of)* H          | 11761  | 9639  | 4       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 2   | Epping (W, pt. of)* -          | -  | -   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 139:1   | Romford (part of)* W           | 6730   | 3411  | 1       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                |
| 2   | Ilford -                       | 8493   | 7645  | 8       | 9       | 1   | 4                                   | -           | -        | -              | 1           | 1               | -      | -          | -         | -              | -                |
| 3   | Barking Town -                 | 4127   | 9203  | 15      | 6       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | 4          | -         | -              | -                |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37:1, the parishes of Warringham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Norton in the sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district; 42:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 15th September, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  |                                   |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |            |           |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |                                   |
| ATER LONDON               | 448,334  | 5,527,886                                      | 15·8  | 2·7                                   | 1671                             | 515                                       | 365  | -           | 28       | 23                | 25          | 33                  | 18     | 156        | 69        | 362 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 16·2  | 2·9                                   | 1331                             | 407                                       | 280  | -           | 27       | 24                | 18          | 31                  | 13     | 122        | 61        | 312 |  |                                   |
| UTER RING -               | 370,924  | 1,244,965                                      | 14·3  | 2·2                                   | 340                              | 108                                       | 85   | -           | 1        | 4                 | 7           | 2                   | 5      | 34         | 8         | 50  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                           | POPULATION<br>(enumerated<br>or<br>estimated). | DATE<br>OF RETURN.<br>Week ending | BIRTHS.<br>Exclusive of Stillborn. | DEATHS. | ANNUAL<br>DEATH-<br>RATE<br>per 1000<br>living. | DEATHS FROM<br>EPIDEMIC DISEASES.                           |
|-----------------------------------|--|-----------------------------------|------------------------------------|---------|---|---|
| CALCUTTA -                        | 433,219  | August 4                          | -                                  | 193     | 23·2  | Fevers 42; cholera 12;<br>small-pox 1.                      |
| BOMBAY -                          | 773,196  | " 21                              | 305                                | 440     | 25·4  | Fevers 131; cholera 12;<br>small-pox 1.                     |
| MADRAS -                          | 398,777  | " 8                               | 300                                | 217     | 23·4  | Fevs. 52; diarr. dis. 35.                                   |
| PARIS -                           | 2,260,945                                      | September 8                       | 1082                               | 872     | 20·1  | Typhoid fever 17; diph. &<br>cp. 22; s.-pox 2; d. dis. 137. |
| BRUSSELS -<br>(with 8 Faubourgs.) | 462,069  | " 8                               | 239                                | 210     | 23·6  | Typhus and typhd. fev. 2;<br>croup 4; diarr. dis. 54.       |
| AMSTERDAM -                       | 390,016  | " 8                               | 266                                | 130     | 17·3  | Typhus & typhd. fev. 2;<br>diph. 3; wh.-cgh. 8.             |
| ROTTERDAM -                       | 193,658  | " 8                               | 152                                | 57      | 15·3  | Whooping-cough 3.   |
| THE HAGUE -                       | 149,477  | " 8                               | 141                                | 61      | 21·2  | Whooping-cough 2.   |
| COPENHAGEN -                      | 300,000  | " 4                               | 207                                | 107     | 18·6  | Diph. 3; typhd. fev. 2;<br>diarr. dis. 25.                  |
| STOCKHOLM -                       | 221,540  | " 1                               | 133                                | 67      | 15·7  | Scar. fev. 3; dip. & cp. 2;<br>diarr. dis. 10.              |
| CHRISTIANIA -                     | 135,600  | " 8                               | 72                                 | 70      | 26·8  | Diphtheria and croup 10;<br>diarr. dis. 13.                 |
| ST. PETERSBURG                    | 842,883  | " 1                               | -                                  | 463     | 28·7  | Typhus and typhd. fev. 7;<br>meas. 15; diarr. dis. 114.     |
| BERLIN -                          | 1,438,006                                      | August 25                         | 884                                | 553     | 20·3  | Meas. 10; diph. & crp. 10;<br>diarr. dis. 168.              |
| HAMBURG (State)                   | 550,694  | September 1                       | 366                                | 205     | 19·4  | Meas. 6; diph. & cp. 4;<br>diarr. dis. 23.                  |
| DRESDEN -                         | 259,142  | " 1                               | 150                                | 116     | 23·3  | Dip. & crp. 7; meas. 2;<br>diarr. dis. 21.                  |
| BRESLAU -                         | 313,451  | " 8                               | 246                                | 186     | 31·5  | Diph. 13; typ. & typhd.<br>fev. 2; diarr. dis. 45.          |
| MUNICH -                          | 275,000  | " 1                               | 190                                | 173     | 32·7  | Diphtheria and croup 5;<br>diarr. dis. 63.                  |
| VIENNA -                          | 800,836  | " 1                               | 465                                | 322     | 20·9  | Diph. 4; diarr. dis. 56.                                    |
| PRAGUE -                          | 295,857  | " 1                               | -                                  | 146     | 25·7  | Diph. 8; small-pox 8;<br>measles 3.                         |
| BUDA-PESTH -                      | 442,787  | " 1                               | 318                                | 240     | 23·2  | Diphtheria 6; croup 3;<br>tp. & typhd. fev. 2; d. dis. 52.  |
| TRIESTE -                         | 156,042  | " 1                               | -                                  | 72      | 24·0  | Small-pox 6; diph. and<br>croup 2.                          |
| ROME -                            | 388,300  | July 23                           | 224                                | 130     | 24·2  | Diph. 3; mal. fev. 7;<br>diarrhoeal dis. 35.                |
| TURIN (10 days)                   | 294,826  | August 20                         | -                                  | -       | -   | -   |
| VENICE -                          | 150,592  | September 1                       | 80                                 | 70      | 24·3  | Typd. fev. 2; diarr. dis. 14.                               |
| CAIRO -                           | 374,838  | August 23                         | 343                                | 393     | 55·4  | Typhd. fev. 11; meas. 8;<br>diarr. dis. 190.                |
| ALEXANDRIA -                      | 231,396  | " 23                              | 157                                | 220     | 49·6  | Typhd. fev. 5; diarr. dis. 81.                              |
| NEW YORK -                        | 1,493,000                                      | " 25                              | -                                  | 754     | 26·4  | Scar. fev. 19; diph. 16;<br>w.-cgh. 17; d. dis. 145.        |
| BROOKLYN -                        | 774,570  | " 25                              | -                                  | 374     | 24·6  | Diph. 12; wh.-cgh. 8;<br>diarr. dis. 87.                    |
| PHILADELPHIA -                    | 1,016,758                                      | " 25                              | -                                  | 454     | 23·3  | Typd. fev. 41; diph. 7;<br>diarr. dis. 52.                  |
| BALTIMORE -                       | 431,879  | " 25                              | -                                  | 164     | 19·8  | Typd. fev. 13; diph. 2;<br>diarr. dis. 36.                  |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 15TH SEPTEMBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |                     | TEMPERATURE.                             |             |          |              |                   |   |                   |            |        |   | TEMPERATURE.  |          |   |       |                    |             |                              |     |             |   | Wind as deduced from Anemometers. |   |     |    |    |    |  |  |  |  | Rain collected in a gauge receiving Ozone |  |
|----------------|---------------------|--|-------------|----------|--------------|-------------------|---|-------------------|------------|--------|---|---------------|----------|---|-------|--------------------|-------------|------------------------------|-----|-------------|---|-----------------------------------|---|-----|----|----|----|--|--|--|--|---|--|
| MONTH AND DAY. | Phases of the Moon. | BAROMETER.                               | Of the Air. |          |              |                   | Difference between the Air Temperature and Dew Point Temperature. |                   |            |        | Degree of Humidity, as estimated on a scale of 100. | Of Radiation. |          | Of the Water of the Thames at Deptford. |       | General Direction. |             | Pressure on the Square Foot. |     | Robinson's. | Horizontal Movement of the Air on each Day. | Direction of the Wind.            | Rain collected in a gauge receiving Ozone |     |    |    |    |  |  |  |  |   |  |
|                |                     |  | High-est.   | Low-est. | Daily Range. | Mean daily value. | De-parture from average value.                                    | Mean daily value. | Great-est. | Least. |   | High-est.     | Low-est. | A.M.                                    | P.M.  | Great-est.         | Least.      | Mean of 24 hours.            |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| SEPTEMBER.     |                     |  |             |          |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| SUN.           | 9                   | Perigee.                                 | 29.971      | 62.7     | 43.5         | 19.2              | 51.2  | - 7.3             | 47.3       | 0.0    | 3.9   | 11.8          | 1.1      | 87                                      | 122.3 | 37.4               | 0.0         | N. & NE.                     | 8.0 | 0.0         | 1.3   | 380                               | 0.03                                      | 0.0 |    |    |    |  |  |  |  |   |  |
| MON.           | 10                  | ..                                       | 29.968      | 58.1     | 43.2         | 14.9              | 50.7  | - 7.6             | 49.1       | 1.6    | 5.1   | 0.0           | 94       | 88.2                                    | 34.8  | 0.0                | WSW & N.    | 0.6                          | 0.0 | 0.0         | 138   | 0.03                              | 0.0                                       |     |    |    |    |  |  |  |  |   |  |
| TUES.          | 11                  | ..                                       | 30.127      | 65.1     | 42.8         | 22.3              | 52.9  | - 5.2             | 45.1       | 7.8    | 17.6  | 0.0           | 75       | 110.1                                   | 35.0  | 0.0                | WSW & WNW.  | 2.0                          | 0.0 | 0.1         | 211   | 0.00                              | 4.0                                       |     |    |    |    |  |  |  |  |   |  |
| WED.           | 12                  | First Qr.                                | 30.304      | 67.9     | 41.4         | 26.5              | 54.3  | - 3.7             | 46.0       | 8.3    | 18.4  | 0.0           | 74       | 111.7                                   | 35.0  | 0.0                | WSW. & SE.  | 0.3                          | 0.0 | 0.0         | 128   | 0.03                              | 0.0                                       |     |    |    |    |  |  |  |  |   |  |
| THURS.         | 13                  | ..                                       | 30.205      | 67.2     | 42.3         | 24.9              | 54.2  | - 3.6             | 40.4       | 4.8    | 19.3  | 0.0           | 84       | 126.0                                   | 36.4  | 0.0                | E. & ENE.   | 2.0                          | 0.0 | 0.6         | 162   | 0.00                              | 0.0                                       |     |    |    |    |  |  |  |  |   |  |
| FRI.           | 14                  | (greatest Dine S)                        | 30.037      | 69.1     | 46.4         | 22.7              | 57.5  | - 0.1             | 52.9       | 4.6    | 13.9  | 0.0           | 85       | 121.3                                   | 38.5  | 0.0                | ENE & E.    | 4.0                          | 0.0 | 0.3         | 187   | 0.00                              | 2.0                                       |     |    |    |    |  |  |  |  |   |  |
| SAT.           | 15                  | ..                                       | 29.901      | 74.0     | 53.0         | 21.0              | 60.8  | + 3.4             | 55.0       | 5.8    | 13.9  | 0.5           | 81       | 115.8                                   | 45.4  | 0.0                | N.W. & S.W. | 0.0                          | 0.0 | 0.0         | 105   | 0.03                              | 0.0                                       |     |    |    |    |  |  |  |  |   |  |
| MEANS          |                     |  |             |          |              |                   |   |                   |            |        |   |               |          |   |       |                    | Variable.   |                              |     |             | Sum   | Sum                               | 0.03                                      |     |    |    |    |  |  |  |  |   |  |
| No. of Col.    |                     |  | 3           | 4        | 5            | 6                 | 7   | 8                 | 9          | 10     | 11  | 12            | 13       | 14                                      | 15    | 16                 | 17          | 18                           | 19  | 20          | 21  | 22                                | 23  | 24  | 25 | 26 | 27 |  |  |  |  |   |  |
| DATE.          |                     |  |             |          |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| SEPTEMBER.     |                     |  |             |          |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| SUNDAY         | 9                   |  | 5.3         | 13.0     |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| MONDAY         | 10                  |  | 0.4         | 12.9     |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| TUESDAY        | 11                  |  | 7.2         | 12.9     |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| WEDNESDAY      | 12                  | No record. Instrument under examination. | 8.3         | 12.8     |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| THURSDAY       | 13                  |  | 8.5         | 13.7     |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| FRIDAY         | 14                  |  | 8.5         | 12.7     |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |
| SATURDAY       | 15                  |  | 4.2         | 12.6     |              |                   |   |                   |            |        |   |               |          |   |       |                    |             |                              |     |             |   |                                   |   |     |    |    |    |  |  |  |  |   |  |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glasher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 23 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 38, 1888. Vol. XLIX.] WEEK ENDING SATURDAY, SEPTEMBER 22. [Price 1½d.

General Register Office, Somerset House,  
24th September, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·0 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |              |              | TOWNS.             | Weeks ending |             |              |              |
|--------------|--------------|-------------|--------------|--------------|--------------------|--------------|-------------|--------------|--------------|
|              | Sept.<br>1.  | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. |                    | Sept.<br>1.  | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. |
| Birkenhead   | 19·3         | 19·3        | 18·8         | 19·8         | Liverpool -        | 19·7         | 22·4        | 19·9         | 18·4         |
| Birmingham   | 17·1         | 17·8        | 17·0         | 19·5         | London -           | 16·4         | 16·0        | 16·2         | 15·8         |
| Blackburn -  | 14·9         | 20·6        | 25·9         | 17·5         | Manchester         | 24·1         | 22·6        | 25·7         | 27·6         |
| Bolton -     | 21·6         | 21·6        | 21·6         | 23·0         | Newcastle-on-Tyne* | 22·3         | 18·1        | 20·7         | 18·1         |
| Bradford*    | 15·2         | 16·1        | 14·5         | 20·2         | Norwich -          | 21·7         | 25·1        | 26·2         | 20·6         |
| Brighton -   | 17·0         | 13·9        | 20·0         | 13·9         | Nottingham*        | 12·0         | 15·1        | 15·6         | 14·5         |
| Bristol -    | 11·5         | 12·7        | 14·3         | 11·1         | Oldham -           | 16·2         | 18·9        | 13·2         | 11·7         |
| Cardiff*     | 15·4         | 18·3        | 14·9         | 21·6         | Plymouth -         | 10·1         | 19·5        | 18·8         | 18·8         |
| Derby -      | 15·2         | 15·7        | 16·8         | 19·0         | Portsmouth         | 20·6         | 14·2        | 15·0         | 22·8         |
| Halifax -    | 18·2         | 21·5        | 18·9         | 15·0         | Preston -          | 22·7         | 24·8        | 25·8         | 27·8         |
| Huddersfield | 17·1         | 18·8        | 16·6         | 11·4         | Salford*           | 16·6         | 18·9        | 22·1         | 25·8         |
| Hull -       | 16·5         | 15·5        | 14·2         | 15·0         | Sheffield -        | 18·3         | 20·6        | 21·4         | 24·7         |
| Leeds -      | 25·3         | 24·4        | 22·1         | 22·3         | Sunderland         | 20·6         | 15·4        | 14·2         | 21·8         |
| Leicester*   | 21·0         | 22·8        | 13·9         | 22·8         | Wolverhampton -    | 14·7         | 15·3        | 13·4         | 14·7         |

The highest annual death-rates, measured by last week's mortality, were:—from *scarlet fever*, 1·3 in Blackburn; from *whooping-cough*, 1·7 in Norwich; from *diarrhœa*, 3·8 in Cardiff, 4·1 in Bolton, 4·9 in Sheffield, 5·0 in Leicester, and 8·6 in Preston; and from "*fever*," 1·0 in Cardiff. The death-rate from *measles* did not reach 1·0 per 1000 in any of the twenty-eight towns. The 29 deaths from *diphtheria* in these towns included 24 in London, and 2 in Manchester. *Small-pox* caused one death in Hull, but not one in London, or in any of the twenty-six other great towns.

## LONDON.

In LONDON† 2463 BIRTHS and 1298 DEATHS were registered. Allowing for increase of population, the births were 248, and the deaths 109, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·0 and 16·2 in the two preceding weeks, declined last week to 15·8, a lower rate than has prevailed in any week since the third of July last. During the twelve weeks ending on Saturday last, the death-rate averaged 16·2 per 1000, and was 3·6 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1298 deaths included 32 from *measles*, 20 from *scarlet fever*, 24 from *diphtheria*, 22 from *whooping-cough*, 11 from *enteric fever*, 78 from *diarrhœa* and

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last inter-censal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edinonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



dysentery, and 4 from cholera and choleraic diarrhœa; thus, 191 deaths were referred to these diseases, being 39 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 5; no small-pox patients were under treatment in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital, on Saturday last. The death of an infant aged one year in Marylebone was attributed to "varicella, followed by pneumonia, 11 weeks." The fatal cases of *measles*, which had been 26 and 27 in the two previous weeks, further rose last week to 32, and were double the corrected average; 6 belonged to Marylebone, 3 to Chelsea, 3 to Mile End Old Town, 4 to Poplar, and 3 to Wandsworth sanitary areas. The 20 fatal cases of *scarlet fever* showed a decline of 4 from the number in the previous week, and were 22 below the corrected average; 2 belonged to St. James (Westminster), 2 to Pancras, 4 to Bethnal Green, and 2 to Mile End Old Town sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 850 scarlet fever patients, against numbers increasing from 774 to 826 in the four preceding weeks; 115 cases were admitted during the week, against 79 and 93 in the two previous weeks. The 24 fatal cases of *diphtheria* showed an increase of 6 upon the number returned in each of the two preceding weeks, and exceeded the corrected average by 5; 3 belonged to Kensington, 3 to Hammersmith, 2 to St. George Hanover Square, 3 (at 47, Euston Buildings) to Pancras, 3 to Bethnal Green, 2 (admitted to hospital from 3, Havering Street) to Stepney, and 2 to Lambeth. The 22 deaths from *whooping-cough* were fewer by 9 than the number in the previous week, and were 10 below the corrected average; 3 belonged to Islington, and 3 to Lambeth sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had been 192, 144, 131, and 122 in the four preceding weeks, further declined last week to 78, and were 11 below the corrected average; 75 were of children under five years of age, including 60 of infants under one year of age, and the remaining 3 were of persons aged upwards of 60 years. The deaths of four infants were referred to *infantile cholera* and *choleraic diarrhœa*.

The deaths referred to *enteric fever*, which had increased in the five preceding weeks from 2 to 12, were last week 11, and were 12 below the corrected average; 2 belonged to Clerkenwell sanitary area. The Metropolitan Asylum Hospitals contained 82 cases of enteric fever, and one of typhus, on Saturday last; 14 cases of enteric fever were admitted during the week, against 7, 10, and 11 in the three previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 130, 148, and 184 in the three preceding weeks, declined last week to 179, and were 21 below the corrected average.

Different forms of violence caused 69 deaths; 59 were the result of negligence or accident, among which were 27 from fractures and contusions, 6 from burns and scalds, 9 from drowning, and 9 of infants under one year of age from suffocation. The 27 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in street; 3 by accidents on railway; 3 by fall from house; 1 by fall from scaffold; 1 by fall from window; 2 by fall from ladder; 1 by fall down stairs; 1 by fall in street; 1 by fall into area; 1 by fall through stage; 3 by fall, the nature of which was not stated; 1 by kick from horse; 1 by injuries received from falling plank; and 2 by fracture, the cause of which was not stated. An inquest was held in each case except the last two. Nine cases of suicide were registered, the corrected average being 7.

#### GREATER LONDON.

In Greater London 3247 births and 1629 deaths were registered, corresponding to annual rates of 30·6 and 15·4 per 1000 of the estimated population. In the Outer Ring 30 deaths from diarrhœa, 8 from diphtheria, and 7 from whooping-cough, were registered. The deaths from diarrhœa included 4 in West Ham, 3 in Croydon, 3 in Brentford, and 3 in Walthamstow sub-districts. Of the 8 fatal cases of diphtheria, 3 occurred in Edmonton, and 2 in West Ham registration districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·06 ins.; the lowest reading was 29·95 ins. at the beginning of the week, and the highest was 30·12 ins. on Wednesday morning. The mean temperature of the *air* was 57°·2, and 0°·4 above the average in the corresponding weeks of the 20 years ending 1868. The mean was slightly below the average on Tuesday, and showed a small excess on each of the other days of the week. The general direction of the *wind* was N.E., and the horizontal movement of the air averaged 8·8 miles per hour, which was 2·5 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright sunshine in the week was 32·6 hours, against 49·0 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGH. | Registered during<br>the week ending<br>22nd Sept., 1888. |         | Deaths of<br>Persons aged<br>60 Years<br>or upwards. |                                    | Deaths from |  |    |            |    |                |     |                   | Annual Rate<br>corresponding<br>to the<br>Week Deaths |             | TEMPERATURE OF THE AIR. |                     |     |        | RAINFALL.         |  | CITIES<br>AND<br>BOROUGH. |             |                |                |                         |                                      |             |   |        |                         |           |                |                                      |   |                         |                |            |          |         |             |       |             |  |       |  |               |  |                         |  |
|---------------------------|---|---------|--|------------------------------------|-------------|--|----|------------|----|----------------|-----|-------------------|---|-------------|-------------------------|---------------------|-----|--------|-------------------|--|---------------------------|-------------|----------------|----------------|-------------------------|--------------------------------------|-------------|---|--------|-------------------------|-----------|----------------|--------------------------------------|---|-------------------------|----------------|------------|----------|---------|-------------|-------|-------------|--|-------|--|---------------|--|-------------------------|--|
|                           | 1.  | 2.      | 3.   | 4.                                 | 5.          | 6.                                       | 7. | 8.         | 9. | 10.            | 11. | 12.               | 13.   | 14.         | 15.                     | 16.                 | 17. | 18.    | Fahrenheit.       |  |                           | Centigrade. |                | In<br>Inches.  | In<br>Centi-<br>metres. |                                      |             |   |        |                         |           |                |                                      |   |                         |                |            |          |         |             |       |             |  |       |  |               |  |                         |  |
|                           |   |         |  |                                    |             |  |    |            |    |                |     |                   |   |             |                         |                     |     |        | 1 Year of<br>Age. | Persons aged<br>60 Years<br>and upwards. |                           | Small-pox.  | Miscellaneous. |                |                         | Scarlet<br>Fever.                    | Diphtheria. | Whooping-<br>cough.                         | Rever. | Dysentery.              | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Uncertified<br>Deaths in<br>Cause of Death. | From All<br>Week Deaths | From<br>Cause. | Col. 6-12. | Highest. | Lowest. | Fahrenheit. | Mean. |             |  |       |  |               |  |                         |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
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| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
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| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>Cause. |                                      | Col. 6-12.                                  |                         | Highest.       |            | Lowest.  |         | Fahrenheit. |       | Centigrade. |  | Mean. |  | In<br>Inches. |  | In<br>Centi-<br>metres. |  |
| BIRTHS.                   |   | DEATHS. |  | Infants under<br>1 Year of<br>Age. |             | Persons aged<br>60 Years<br>and upwards. |    | Small-pox. |    | Miscellaneous. |     | Scarlet<br>Fever. |   | Diphtheria. |                         | Whooping-<br>cough. |     | Rever. |                   | Dysentery.                               |                           | Violence.   |                | Inquest Cases. |                         | Deaths in<br>Public<br>Institutions. |             | Uncertified<br>Deaths in<br>Cause of Death. |        | From All<br>Week Deaths |           | From<br>       |                                      |   |                         |                |            |          |         |             |       |             |  |       |  |               |  |                         |  |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the THIRTY-EIGHTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2491 | 2573 | 2599 | 2330 | 2544 | 2470 | 2498 | 2438 | 2409 | 2507 | 2710·8   | 2463 |
| Males . .           | 1335 | 1270 | 1360 | 1200 | 1289 | 1258 | 1299 | 1318 | 1208 | 1291 | 1398·9   | 1261 |
| Females .           | 1156 | 1303 | 1239 | 1130 | 1255 | 1212 | 1199 | 1120 | 1201 | 1216 | 1311·9   | 1202 |
| <b>TOTAL Deaths</b> | 1250 | 1366 | 1441 | 1279 | 1450 | 1286 | 1315 | 1081 | 1273 | 1164 | 1407·2   | 1291 |
| Males . .           | 635  | 664  | 753  | 662  | 756  | 659  | 631  | 551  | 668  | 599  | 723·3  | 677  |
| Females .           | 615  | 702  | 683  | 617  | 694  | 627  | 634  | 530  | 605  | 565  | 683·9  | 621  |

\*The numbers in this column are the average weekly numbers in the thirty-eighth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | June<br>30. | July<br>7. | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. |
|--|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|
| <b>TOTAL Births</b> - -                          | 2289        | 2348       | 2520        | 2385        | 2353        | 2530       | 2228        | 2604        | 2401        | 2508        | 2475        | 2488         | 2463         |
| <b>TOTAL Deaths</b> - -                          | 1238        | 1211       | 1288        | 1297        | 1308        | 1309       | 1476        | 1330        | 1438        | 1342        | 1316        | 1331         | 1298         |
| 0-20 - -   | 562         | 576        | 628         | 636         | 670         | 726        | 816         | 713         | 838         | 730         | 701         | 666          | 650          |
| 20-40 - -  | 171         | 172        | 160         | 168         | 155         | 131        | 174         | 173         | 133         | 159         | 145         | 159          | 177          |
| 40-60 - -  | 213         | 208        | 229         | 242         | 206         | 205        | 228         | 177         | 202         | 208         | 205         | 226          | 233          |
| 60-80 - -  | 241         | 205        | 230         | 202         | 217         | 195        | 217         | 217         | 221         | 204         | 223         | 235          | 197          |
| at 80 years & upwds.                             | 51          | 50         | 41          | 49          | 60          | 52         | 41          | 50          | 39          | 41          | 42          | 45           | 41           |
| Deaths of children { Under 1 year -              | 297         | 302        | 359         | 384         | 385         | 449        | 493         | 444         | 500         | 441         | 426         | 407          | 385          |
| { 1-5 - -  | 178         | 203        | 182         | 177         | 186         | 200        | 233         | 187         | 260         | 219         | 202         | 195          | 184          |
| { 5-20 - -                                       | 87          | 71         | 87          | 75          | 99          | 77         | 90          | 82          | 78          | 70          | 73          | 64           | 81           |
| Deaths from Small-pox -                          | -           | -          | 1           | 1           | -           | -          | -           | -           | -           | -           | -           | -            | -            |
| " " Measles - -                                  | 20          | 23         | 26          | 25          | 40          | 29         | 51          | 33          | 47          | 39          | 26          | 27           | 32           |
| " " Scarlet fever - -                            | 19          | 10         | 18          | 14          | 23          | 18         | 17          | 17          | 21          | 15          | 19          | 24           | 20           |
| " " Diphtheria - -                               | 28          | 29         | 24          | 15          | 21          | 19         | 25          | 13          | 17          | 23          | 18          | 18           | 24           |
| " " Whooping-cough -                             | 27          | 31         | 32          | 33          | 30          | 25         | 27          | 20          | 28          | 24          | 32          | 31           | 22           |
| " " Typhus - -                                   | -           | -          | -           | -           | -           | -          | -           | 2           | -           | -           | -           | -            | -            |
| " " Enteric fever - -                            | 10          | 7          | 12          | 8           | 15          | 9          | 6           | 2           | 7           | 10          | 11          | 12           | 11           |
| " " Simple Cont <sup>d</sup> fever -             | -           | 2          | 1           | -           | 1           | -          | 1           | 1           | -           | 1           | 1           | 1            | -            |
| " " Diarrhoea and }<br>Dysentery - }             | 36          | 51         | 72          | 62          | 89          | 121        | 133         | 162         | 192         | 144         | 131         | 122          | 78           |
| " " Cholera - -                                  | 2           | 3          | 3           | 2           | 4           | 4          | 5           | 4           | 7           | 2           | 3           | 1            | 4            |
| Deaths from the above- }<br>mentioned Diseases } | 142         | 156        | 189         | 160         | 223         | 225        | 270         | 254         | 319         | 258         | 241         | 236          | 191          |
| " " Dis. of Respira- }<br>tory System }          | 156         | 176        | 164         | 166         | 160         | 167        | 183         | 167         | 172         | 130         | 148         | 184          | 179          |
| " " Phthisis - -                                 | 117         | 114        | 114         | 141         | 117         | 123        | 131         | 134         | 108         | 125         | 122         | 132          | 146          |
| " " Dis. of Circula- }<br>tory System }          | 101         | 96         | 110         | 118         | 92          | 93         | 123         | 85          | 84          | 91          | 109         | 93           | 114          |
| Violent Deaths - - -                             | 64          | 65         | 56          | 54          | 63          | 49         | 56          | 47          | 47          | 53          | 32          | 61           | 69           |
| Inquest Cases - - -                              | 111         | 107        | 125         | 104         | 89          | 97         | 100         | 91          | 87          | 88          | 71          | 103          | 112          |
| Deaths in Public Institutions                    | 302         | 285        | 300         | 314         | 305         | 260        | 341         | 296         | 303         | 292         | 296         | 312          | 293          |
| <b>TEMPERATURE OF THE AIR</b>                    |             |            |             |             |             |            |             |             |             |             |             |              |              |
| Mean - - -                                       | 61·9        | 56·4       | 55·8        | 59·4        | 60·3        | 56·9       | 63·9        | 56·4        | 60·0        | 56·6        | 57·1        | 54·5         | 57·2         |
| Mean of Highest readings -                       | 72·3        | 65·3       | 64·7        | 68·6        | 69·9        | 67·5       | 75·2        | 67·1        | 70·2        | 66·4        | 65·9        | 66·3         | 66·3         |
| Mean of Lowest readings -                        | 54·3        | 50·8       | 48·2        | 52·8        | 53·8        | 50·4       | 54·3        | 48·6        | 51·8        | 48·4        | 51·2        | 44·7         | 50·0         |
| Humidity of the Air - -                          | 83          | 87         | 77          | 83          | 81          | 87         | 75          | 77          | 82          | 81          | 83          | 83           | 81           |
| Rain-fall in inches - -                          | 2·37        | 0·90       | 0·44        | 1·61        | 1·11        | 4·29       | 0·11        | 0·00        | 0·81        | 1·22        | 0·16        | 0·06         | 0·00         |
| Registered Sunshine (in hours)                   | 29·9        | 18·5       | 23·2        | 11·8        | 34·8        | 22·0       | 47·5        | 27·8        | 29·2        | 32·2        | 20·8        | 42·4         | 32·6         |

\*The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIsamborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.E.C.F., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

## Deaths from different Causes.

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TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-EIGHTH Week of the Year 1888.

| CAUSES OF DEATH.                             | Corrected Averages for the 38th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 22nd September 1888. |      |       |                  |                  |                  |                       |      |      |       | CAUSES OF DEATH.  | Corrected Averages for the 38th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 22nd September 1888. |                  |                  |                       |    |    |    |   |  |  |
|--|---|---|------|-------|------------------|------------------|------------------|-----------------------|------|------|-------|---|---|---|------------------|------------------|-----------------------|----|----|----|---|--|--|
|  |   | Deaths of Persons of the Ages                     |      |       |                  |                  |                  |                       |      |      |       |   |   | Deaths of Persons of the Ages                     |                  |                  |                       |    |    |    |   |  |  |
|  |   | ALL AGES.   |      |       |                  |                  |                  |                       |      |      |       |   |   | ALL AGES.   |                  |                  |                       |    |    |    |   |  |  |
|  |   | 0-1.  | 1-6. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | 0-1. | 1-6. | 5-20. |   |   | 20 and under 40.                                  | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |    |    |    |   |  |  |
| ALL CAUSES - -                               | 1407.2  | 1298  | 385  | 184   | 81               | 177              | 233              | 197                   | 41   |      |       | Diseases of Organs of Special Sense † - -                   | 2.1   | 2   | -                | -                | -                     | 1  | -  | 1  | - |  |  |
| Small-pox { Vaccinated† - - - - -            | 5.0 {   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Circulatory System - - - -                      | 93.5  | 114   | 2                | 1                | 7                     | 26 | 31 | 43 | 4 |  |  |
| Unvaccinated - - - - -                       |   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Croup - - - - -   | 11.0  | 8   | 2                | 5                | 1                     | -  | -  | -  | - |  |  |
| No Statement - - - - -                       |   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Bronchitis - - - - -  | 105.7   | 113   | 42               | 23               | 3                     | 2  | 12 | 25 | 6 |  |  |
| Measles - - - - -                            | 16.1  | 32  | 6    | 21    | 5                | -                | -                | -                     | -    |      |       | Pneumonia - - - - -   | 56.6  | 42  | 13               | 11               | 3                     | 4  | 6  | 3  | 2 |  |  |
| Scarlet Fever - - - - -                      | 42.2  | 29  | -    | 12    | 8                | -                | -                | -                     | -    |      |       | Pleurisy - - - - -  | 4.4   | 3   | -                | -                | -                     | 1  | 1  | 1  | - |  |  |
| Typhus - - - - -                             | 0.9   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Other Diseases of Respiratory System - - -                  | 21.9  | 13  | 4                | 4                | 1                     | -  | 2  | 2  | - |  |  |
| Relapsing Fever † - - - -                    | 0.0   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Dentition † - - - - -                                       | 0.3   | 9   | 8                | 1                | -                     | -  | -  | -  | - |  |  |
| Induenza - - - - -                           | 0.4   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Quinsy, Sore Throat † -                                     | 2.3   | 4   | -                | 2                | 1                     | 2  | 1  | -  | - |  |  |
| Whooping-cough - - - - -                     | 32.0  | 22  | 13   | 9     | -                | -                | -                | -                     | -    |      |       | Enteritis - - - - -   | 11.1  | 14  | 8                | 1                | 1                     | 2  | 1  | 1  | - |  |  |
| Diphtheria - - - - -                         | 18.6  | 24  | 1    | 14    | 9                | -                | -                | -                     | -    |      |       | Peritonitis - - - - -                                       | 7.1   | 6   | -                | -                | -                     | -  | -  | -  | - |  |  |
| Simple Continued and Ill-defined Fever - - - | 1.4   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Liver - - -                                     | 32.4  | 25  | 1                | -                | 4                     | 9  | 9  | 2  | - |  |  |
| Enteric Fever - - - - -                      | 22.8  | 11  | -    | 2     | 2                | 5                | 2                | -                     | -    |      |       | Other Diseases of Digestive System -                        | 31.4  | 41  | 7                | 2                | -                     | 6  | 12 | 9  | 5 |  |  |
| Cholera - - - - -                            | 2.3   | 4   | 3    | 1     | -                | -                | -                | -                     | -    |      |       | Diseases of Lymphatic System & of Ductless Glands † - - - - | 2.3   | -   | -                | -                | -                     | -  | -  | -  | - |  |  |
| Diarrhoea, Dysentery - - -                   | 89.1  | 73  | 60   | 15    | -                | -                | -                | 3                     | -    |      |       | Diseases of Urinary System - - - -                          | 32.7  | 34  | 1                | 1                | 4                     | 5  | 10 | 13 | - |  |  |
| Remittent Fever† - - - - -                   | 0.2   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Generative System - - - - -                     | 3.9   | 5   | -                | -                | -                     | 5  | -  | -  | - |  |  |
| Hydrophobia - - - - -                        | 0.5   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Accidents of Childbirth -                                   | 4.9   | 2   | -                | -                | 2                     | -  | -  | -  | - |  |  |
| Glanders - - - - -                           | 0.1   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Locomotive System † - - - -                     | 7.6   | 8   | -                | -                | 5                     | 1  | -  | 2  | - |  |  |
| Cowpox and Effects of Vaccination † - - - -  | 0.5   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Diseases of Integumentary System - - - -                    | 5.5   | 4   | 1                | -                | -                     | 2  | 1  | -  | - |  |  |
| Veneral Affections - - - -                   | 12.4  | 13  | 5    | 3     | -                | 3                | 2                | -                     | -    |      |       | VIOLENT DEATHS.‡  |   |   |                  |                  |                       |    |    |    |   |  |  |
| Erysipelas - - - - -                         | 5.7   | 8   | 1    | -     | -                | 2                | 3                | 1                     | 1    |      |       | ACCIDENT.)  |   |   |                  |                  |                       |    |    |    |   |  |  |
| Pyæmia and Septicæmia †                      | 2.3   | 3   | -    | 1     | 1                | -                | 1                | -                     | -    |      |       | Fracture and Contusion -                                    | 20.8  | 27  | -                | -                | 4                     | 4  | 9  | 6  | 4 |  |  |
| Puerperal Fever - - - - -                    | 4.9   | 3   | -    | -     | -                | 1                | 2                | -                     | -    |      |       | Gunshot Wound - - - -                                       | 0.1   | -   | -                | -                | -                     | -  | -  | -  | - |  |  |
| Other Zymotic Diseases †                     | 1.1   | 1   | -    | 1     | -                | -                | -                | -                     | -    |      |       | Cut, Stab - - - - -   | 0.2   | -   | -                | -                | -                     | -  | -  | -  | - |  |  |
| Thrush - - - - -                             | 3.2   | 4   | 4    | -     | -                | -                | -                | -                     | -    |      |       | Burn and Scald - - - -                                      | 3.3   | 6   | 2                | 1                | 2                     | -  | -  | 1  | - |  |  |
| Worms and other Parasitical Diseases - - -   | 0.4   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Poison - - - - -  | 0.9   | 1   | -                | -                | -                     | 1  | -  | -  | - |  |  |
| Starvation, Want of Breast-milk † - - - -    | 2.6   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Drowning - - - - -  | 8.0   | 9   | -                | 3                | 2                     | 3  | 1  | -  | - |  |  |
| Alcoholism - - - - -                         | 4.5   | 5   | -    | -     | -                | -                | 5                | -                     | -    |      |       | Suffocation - - - - -                                       | 8.2   | 14  | 9                | 1                | 1                     | 1  | 2  | 1  | - |  |  |
| Rheumatic Fever, Rheumatism of Heart†        | 6.5   | 5   | -    | -     | 1                | 2                | 2                | -                     | -    |      |       | Otherwise - - - - -   | 4.0   | 2   | 1                | 1                | -                     | -  | -  | -  | - |  |  |
| Rheumatism † - - - - -                       | 1.4   | 1   | -    | -     | -                | -                | -                | 1                     | -    |      |       | (HOMICIDE.)   |   |   |                  |                  |                       |    |    |    |   |  |  |
| Gout - - - - -                               | 2.7   | -   | -    | -     | -                | -                | -                | -                     | -    |      |       | Murder & Manslaughter -                                     | 1.2   | 1   | 1                | -                | -                     | -  | -  | -  | - |  |  |
| Rickets † - - - - -                          | 2.1   | 3   | 2    | 1     | -                | -                | -                | -                     | -    |      |       | (SUICIDE.)  |   |   |                  |                  |                       |    |    |    |   |  |  |
| Cancer - - - - -                             | 52.8  | 43  | -    | -     | 4                | 21               | 17               | 1                     | -    |      |       | Gunshot Wound - - - -                                       | 0.8   | 1   | -                | -                | -                     | -  | 1  | -  | - |  |  |
| Tabs Mesenterica - - - -                     | 39.3  | 27  | 16   | 8     | 2                | -                | 1                | -                     | -    |      |       | Cut, Stab - - - - -   | 1.3   | 4   | -                | -                | -                     | 3  | 1  | -  | - |  |  |
| Tubercular Meningitis - -                    | 25.6  | 23  | 11   | 8     | 4                | -                | -                | -                     | -    |      |       | Poison - - - - -  | 1.1   | 1   | -                | -                | -                     | -  | -  | -  | - |  |  |
| Phthisis - - - - -                           | 165.1   | 146   | 5    | 2     | 9                | 69               | 57               | 4                     | -    |      |       | Drowning - - - - -  | 1.9   | 1   | -                | -                | -                     | -  | -  | -  | - |  |  |
| Scrofula, Tuberculosis - -                   | 15.6  | 16  | 10   | 3     | 1                | 2                | -                | -                     | -    |      |       | Hanging - - - - -   | 1.3   | 1   | -                | -                | -                     | -  | -  | 1  | - |  |  |
| Other Constitutional Diseases † - - - -      | 9.3   | 3   | 1    | 1     | -                | -                | -                | 1                     | -    |      |       | Otherwise - - - - -   | 0.7   | 1   | -                | -                | -                     | -  | -  | -  | - |  |  |
| Premature Birth - - - - -                    | 34.5  | 28  | 23   | -     | -                | -                | -                | -                     | -    |      |       | (EXECUTION.)  |   |   |                  |                  |                       |    |    |    |   |  |  |
| Atelectæsis † - - - - -                      | 1.8   | 2   | 2    | -     | -                | -                | -                | -                     | -    |      |       | Hangings - - - - -  | 0.0   | -   | -                | -                | -                     | -  | -  | -  | - |  |  |
| Congenital Malformations -                   | 5.2   | 6   | 6    | -     | -                | -                | -                | -                     | -    |      |       | OTHER CAUSES † - - -  | 61.2  | 55  | 49               | 4                | 1                     | -  | -  | 1  | - |  |  |
| Old Age - - - - -                            | 41.9  | 29  | -    | -     | -                | -                | 15               | 14                    | -    |      |       |   |   |   |                  |                  |                       |    |    |    |   |  |  |
| Apoplexy - - - - -                           | 38.6  | 39  | -    | -     | 1                | 2                | 18               | 14                    | 6    |      |       |   |   |   |                  |                  |                       |    |    |    |   |  |  |
| Epilepsy - - - - -                           | 7.5   | 7   | -    | 2     | -                | 2                | 2                | 1                     | -    |      |       |   |   |   |                  |                  |                       |    |    |    |   |  |  |
| Convulsions - - - - -                        | 39.4  | 54  | 59   | 3     | 1                | -                | -                | -                     | -    |      |       |   |   |   |                  |                  |                       |    |    |    |   |  |  |
| Other Diseases of Brain and Nervous System } | 77.5  | 67  | 13   | 11    | 1                | 19               | 14               | 21                    | -    |      |       |   |   |   |                  |                  |                       |    |    |    |   |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.046 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

| The DEATHS registered in the Week include                                   |   |  |  |                                    |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|---|---|--|--|------------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | Deaths of                          |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|   |   |  |  | Infants under<br>1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|   |   |  |  |                                    |                                     | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| LONDON . . . . .  | 3,815,704   | 2463                                   | 1298                                   | 395                                | 238                                 | -           | 32       | 20             | 24          | 23              | -       | 11                             | -                            | 78         | 69        | 112            | 293                               |
| WEST DISTRICTS . . . . .  | 669,633   | 369                                    | 252                                    | 71                                 | 45                                  | -           | 8        | 2              | 10          | 3               | -       | 1                              | -                            | 13         | 9         | 21             | 69                                |
| NORTH DISTRICTS . . . . .   | 905,847   | 546                                    | 272                                    | 77                                 | 62                                  | -           | 9        | 7              | 4           | 6               | -       | 3                              | -                            | 15         | 9         | 24             | 55                                |
| CENTRAL DISTRICTS . . . . .   | 282,338   | 161                                    | 120                                    | 29                                 | 13                                  | -           | 2        | -              | 1           | 1               | -       | 1                              | -                            | 7          | 7         | 9              | 20                                |
| EAST DISTRICTS . . . . .  | 692,738   | 491                                    | 248                                    | 75                                 | 33                                  | -           | 9        | 5              | 6           | 3               | -       | 2                              | -                            | 14         | 18        | 25             | 63                                |
| SOUTH DISTRICTS . . . . .   | 1,265,148   | 896                                    | 403                                    | 183                                | 82                                  | -           | 4        | 6              | 3           | 9               | -       | 4                              | -                            | 29         | 26        | 33             | 77                                |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -   | -                                      | -                                      | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| WEST DISTRICTS.   |   |  |  |                                    |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| St. Mary Paddington WHH G.J. & W.M.   | 69938   | 43                                     | 24                                     | 7                                  | 4                                   | -           | 2        | -              | 1           | -               | -       | -                              | -                            | 1          | 2         | 5              | 6                                 |
| St. John Paddington H - - G.J.  | 37330   | 10                                     | 7                                      | 4                                  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 |
| Kensington Town W - - W.M.  | 120141  | 53                                     | 35                                     | 4                                  | 8                                   | -           | 1        | -              | 3           | 1               | -       | -                              | -                            | 2          | 2         | 5              | 13                                |
| Brompton HH - - W.M. & C.   | 43010   | 13                                     | 22                                     | 6                                  | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 1              | 9                                 |
| St. Peter Hammersmith - - W.M.  | 7899  | 70                                     | 2                                      | -                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Paul Hammersmith H W.M. & G.J.  | 64340   | 45                                     | 28                                     | 10                                 | 5                                   | -           | -        | -              | 3           | 1               | -       | -                              | -                            | 3          | 1         | 1              | 4                                 |
| Fulham W - - W.M. & C.  | 42900   | 68                                     | 27                                     | 7                                  | 5                                   | -           | 2        | -              | -           | -               | -       | 1                              | -                            | 1          | 1         | 2              | 7                                 |
| Chelsea South HH - - C.   | 30393   | 17                                     | 11                                     | 3                                  | 2                                   | -           | 2        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |
| Chelsea North-west WHHHH - C.   | 24925   | 10                                     | 10                                     | 3                                  | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | 5                                 |
| Chelsea North-east - - C.   | 32807   | 17                                     | 11                                     | 6                                  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 3              | -                                 |
| May Fair WW - - G.J.  | 30353   | 8                                      | 14                                     | 2                                  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 5                                 |
| Belgrave WHH - - C.   | 69220   | 18                                     | 32                                     | 6                                  | 4                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | 1          | 1         | 1              | 11                                |
| St. John Westminster HH - C.  | 35494   | 28                                     | 8                                      | 3                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 2              | 1                                 |
| St. Margaret Westminster H - C.   | 24079   | 14                                     | 7                                      | 5                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4                                 |
| St. James Westminster WHH N.R. & G.J.                                       | 29941   | 10                                     | 13                                     | 5                                  | 2                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | 2          | -         | -              | -                                 |
| St. Anne Soho HHHHHH - N.R.   | 18693   | 4                                      | 3                                      | -                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |
| NORTH DISTRICTS.  |   |  |  |                                    |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| All Souls Marylebone HHHH - W.M.  | 26759   | 10                                     | 14                                     | 1                                  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 9                                 |
| Cavendish Square HHHH - W.M.  | 14391   | 3                                      | 1                                      | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Rectory Marylebone WH G.J. & W.M.   | 24309   | 8                                      | 2                                      | 1                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118   | 17                                     | 10                                     | 2                                  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |
| Christchurch Marylebone H - W.M.  | 83760   | 18                                     | 9                                      | 1                                  | 4                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 |
| St. John Marylebone H - W.M.  | 33638   | 11                                     | 12                                     | 4                                  | 4                                   | -           | 3        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | 1              | -                                 |
| Hampstead WWHHHH N.R. & W.M.  | 45452   | 18                                     | 12                                     | 4                                  | -                                   | -           | -        | 2              | 1           | -               | -       | -                              | -                            | -          | 2         | 2              | 3                                 |
| Recent's Park Pancras H - W.M.  | 39115   | 14                                     | 6                                      | 3                                  | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | -              | -                                 |
| Tottenham-court WHHHH N.R. & W.M.   | 27729   | 7                                      | 9                                      | 4                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 2                                 |
| Gray's Inn Lane HH - N.R.   | 30247   | 23                                     | 13                                     | 2                                  | 2                                   | -           | -        | -              | -           | 1               | -       | 1                              | -                            | 1          | 2         | 6              | -                                 |
| Somers Town H - - N.R.  | 84369   | 28                                     | 13                                     | 4                                  | -                                   | -           | -        | -              | 3           | -               | -       | -                              | -                            | 1          | 2         | 1              | -                                 |
| Camden Town WH - - N.R.   | 17311   | 10                                     | 10                                     | 3                                  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | 3              | 9                                 |
| Kentish Town W - - N.R.   | 67487   | 57                                     | 24                                     | 8                                  | 7                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | 4                                 |
| Upper Holloway WHWH - N.R.  | 67946   | 56                                     | 30                                     | 9                                  | 6                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | 2          | 2         | 4              | 10                                |
| Islington South-west HH - N.R.  | 100976  | 73                                     | 24                                     | 7                                  | 6                                   | -           | -        | -              | -           | 1               | -       | 1                              | -                            | 2          | 1         | 1              | -                                 |
| Islington South-east - - N.R.   | 61835   | 40                                     | 10                                     | 7                                  | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 2          | 1         | -              | -                                 |
| Highbury H - - N.R.   | 62048   | 31                                     | 14                                     | 5                                  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -              | -                                 |
| Stoke Newington H - - N.R.  | 22781   | 17                                     | 4                                      | -                                  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| Stamford Hill - - E.L.  | 9277  | 10                                     | 2                                      | -                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 |
| West Hackney H - - N.R.   | 37610   | 18                                     | 6                                      | 1                                  | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| Hackney WWHWH - E.L. & N.R.   | 78911   | 50                                     | 35                                     | 9                                  | 9                                   | -           | 5        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 10                                |
| South Hackney - - E.L.  | 39493   | 27                                     | 12                                     | 2                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 3              | -                                 |
| CENTRAL DISTRICTS.  |   |  |  |                                    |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| St. George Bloomsbury - - N.R.  | 16881   | 11                                     | 3                                      | 1                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Giles South WE - - N.R.   | 14844   | 7                                      | 6                                      | 2                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | -                                 |
| St. Giles North - - N.R.  | 13837   | 4                                      | 1                                      | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17598   | 3                                      | 6                                      | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 3                                 |
| St. Mary-le-Strand H - - N.R.   | 7515  | 1                                      | 1                                      | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |
| St. Clement Danes H - - N.R.  | 8559  | 6                                      | 7                                      | 1                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 5              | -                                 |
| Strand Union Workhouse, Edmonton &c.  | -   | -                                      | 1                                      | -                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| St. Geo. the Martyr HHHHHH N.R.   | 18571   | 8                                      | 12                                     | 1                                  | 1                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | -              | 8                                 |
| St. Andrew Eastern W - - N.R.   | 10706   | 6                                      | 5                                      | 1                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 |
| St. Paulin Hill H - - N.R.  | 6533  | 4                                      | 2                                      | 2                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. James Clerkenwell - - N.R.  | 17516   | 15                                     | 8                                      | 3                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Amwell Clerkenwell - - N.R.   | 16241   | 15                                     | 10                                     | 4                                  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Pentagonville - - N.R.  | 14773   | 9                                      | 4                                      | 2                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Goodwell-street - - N.R.  | 17503   | 11                                     | 11                                     | 4                                  | 1                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | 2          | -         | -              | -                                 |
| Old-street H - - N.R.   | 11541   | 12                                     | 6                                      | 1                                  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 |
| City-road HHL - - N.R.  | 18628   | 19                                     | 4                                      | 2                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 1                                 |
| Whitecross-street - - N.R.  | 9217  | 10                                     | 7                                      | 2                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | -                                 |
| Finchbury - - N.R.  | 7453  | 3                                      | 1                                      | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Holborn Union Workhouse, Mitcham, &c.                                       | -   | -                                      | -                                      | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Botolph H - - N.R. & E.L.   | 11174   | 3                                      | 6                                      | 2                                  | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |
| Cripplegate - - N.R.  | 7193  | 3                                      | 2                                      | -                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Sepulchre H - - N.R.  | 4338  | 3                                      | 12                                     | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 11                                |
| St. Bride W - - N.R.  | 8396  | 5                                      | 4                                      | 1                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Allhallows Barking - - N.R.   | 13666   | 3                                      | 1                                      | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |
| Broad Street H - - N.R.   | 6622  | -                                      | -                                      | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; &c.—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

TER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
Friday, the 22nd September, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |                                     |            |          |                |             |                 |         |                                      |                              |            |           |  | Inquest<br>Cases. | Deaths in Public<br>Institutions. | Uncertified<br>Causes<br>of Death. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                |  |  |  |  | Deaths from                               |                                     |            |          |                |             |                 |         |                                      |                              |            |           |  |                   |                                   |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                |  |  |  |  | Infants under<br>1<br>Year of Age.        | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas<br>(or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |  |                   |                                   |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| EAST DISTRICTS.                |  |  |  |  |   |                                     |            |          |                |             |                 |         |                                      |                              |            |           |  |                   |                                   |                                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by :-

**Marylebone Infirmary** in Kensington Town sub-district.  
**Natural London Sick Asylum,** in Tottenham Court-road sub-district.  
**Bolton Infirmary** in Upper Holloway sub-district.  
 " "**"** " Buckney sub-district.  
**Glovern** " " Boxton New Town sub-district.  
**Hitchcappel** " " Mile End Old Road Eastern sub-dist.  
**London City** " " Mile End Old Road Eastern sub-dist.

Stepney Workhouse in Bromley sub-district.  
 Poplar & Stepney Sick Asylum " "  
 Westminster Union Industrial School in West Battersea sub-district.  
 Strand and Holborn Workhouses outside Registration London.  
 Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 22nd September, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |  |
|---|----------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--|
|   |                                  |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |  |
|   |                                  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoes. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957   | 784     | 331     | 115                                       | 84                                  | -           | 3        | 1              | 8           | 7               | 2      | 30         | 12        | 20             | 3                                 |  |
| 80:1  | Carshalton <i>wL</i> -           | 12228  | 21118   | 10      | 9       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | 2          | -         | -              | 4                                 |  |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710   | 6       | 5       | 1   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 2                                 |  |
| 37:1  | Godstone (part of)* -            | 2754   | 1235  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 38:1  | Croydon <i>WwHLL</i> -           | 20851  | 101241  | 70      | 27      | 7   | 10                                  | -           | -        | -              | -           | 1               | -      | 8          | -         | 1              | 3                                 |  |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17932   | 12      | 4       | 2   | 1                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | -              | -                                 |  |
| 39:1  | Wimbledon <i>HHH</i> -           | 3220   | 15950   | 12      | 6       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |  |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354   | 16      | 12      | 2   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |  |
| 3   | Esher (part of)* -               | 6601   | 9221  | 8       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 4   | Hampton <i>H</i> -               | 4573   | 18339   | 9       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 40:1  | Richmond <i>WH</i> -             | 2272   | 21302   | 14      | 11      | 4   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |  |
| 2   | Mortlake -                       | 2941   | 12331   | 14      | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 41:1  | Bromley (pt. of)* <i>HH</i>      | 15669  | 31142   | 30      | 6       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1              | -                                 |  |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844   | 7       | 9       | 4   | 3                                   | -           | -        | -              | -           | -               | 1      | -          | 1         | 1              | 2                                 |  |
| 42:1  | Bexley <i>H</i> -                | 18437  | 24134   | 11      | 4       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Dartford ( <i>Ww</i> , pts. of)* | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 124:1   | Sunbury <i>w</i> -               | 11055  | 11085   | 7       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Staines <i>W</i> -               | 13277  | 12089   | 6       | 4       | 2   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |
| 125:1   | Hillingdon <i>WHH</i> -          | 6029   | 10802   | 9       | 5       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 3         | 3              | -                                 |  |
| 2   | Uxbridge -                       | 6178   | 3225  | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Hayes <i>wHL</i> -               | 14337  | 11523   | 2       | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | 3                                 |  |
| 126:1   | Isleworth <i>WHH</i> -           | 7008   | 22727   | 16      | 9       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | 2                                 |  |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479   | 8       | 4       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1              | -                                 |  |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649   | 19      | 14      | 6   | 3                                   | -           | -        | -              | -           | -               | -      | 3          | -         | 1              | 1                                 |  |
| 4   | Chiswick -                       | 1340   | 15975   | 12      | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 5   | Acton <i>wH</i> -                | 6083   | 22876   | 15      | 6       | 2   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |  |
| 127:1   | Harrow <i>H</i> -                | 13809  | 12706   | 7       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Edgware <i>H</i> -               | 6994   | 3749  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Willesden -                      | 4383   | 27453   | 25      | 13      | 8   | 1                                   | -           | 1        | -              | 1           | -               | 2      | -          | -         | -              | -                                 |  |
| 4   | Hendon <i>W</i> -                | 8382   | 10484   | 7       | 5       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 127:1   | Bushey -                         | 9331   | 6621  | 2       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Watford ( <i>W</i> , pt. of)*    | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 128:1   | South Mimms -                    | 15599  | 6591  | 8       | 1       | -   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Barnet -                         | 5433   | 10092   | 5       | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Finchley <i>HL</i> -             | 4638   | 17615   | 14      | 5       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | 1          | -         | -              | 1                                 |  |
| 135:1   | Hatfield (part of)* -            | 3306   | 583   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 129:1   | Hornsey <i>H</i> -               | 2059   | 37073   | 31      | 7       | 2   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Tottenham <i>H</i> -             | 4642   | 46465   | 46      | 27      | 13  | 5                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 2              | 1                                 |  |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23465   | 29      | 12      | 2   | 5                                   | -           | -        | -              | 1           | -               | -      | -          | 2         | 3              | 1                                 |  |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104   | 17      | 6       | 2   | 2                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | -              | -                                 |  |
| 5   | Waltham Abbey -                  | 11017  | 5353  | 7       | 2       | 2   | -                                   | -           | -        | -              | -           | 2               | -      | -          | -         | -              | -                                 |  |
| 6   | Chesham -                        | 8450   | 7735  | 6       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 186:1   | Stratford -                      | 882  | 38005   | 29      | 5       | -   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | West Ham <i>wvwHBL</i> -         | 7351   | 101033  | 131     | 50      | 18  | 12                                  | -           | 1        | -              | 1           | -               | 1      | 4          | 2         | 2              | -                                 |  |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430   | 32      | 10      | 8   | 3                                   | -           | -        | -              | -           | 1               | -      | 2          | -         | 2              | 3                                 |  |
| 4   | Walthamstow <i>H</i> -           | 6520   | 28859   | 43      | 14      | 6   | 2                                   | -           | -        | -              | 1           | 1               | -      | 3          | -         | -              | -                                 |  |
| 187:1   | Chislewell (part of)* <i>H</i>   | 11761  | 9639  | 4       | 3       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Epping ( <i>W</i> , pt. of)* -   | -  | -   | 1       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 180:1   | Romford (part of)* <i>W</i>      | 6730   | 3411  | 1       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 2   | Ilford -                         | 8493   | 7643  | 8       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Barking Town -                   | 4127   | 9203  | 11      | 3       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30:2, Epsom sub-district, except the parishes of Asenstead and Headley (pop. 1265); 37:1, the parishes of Warringham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadnam and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Nonsuch in Hatfield sub-district; 187:1, Chislewell sub-district, except the parish of Thordon Bois (pop. 375); 189:1, the parish of Dagenham in Romford sub-district; 42:2, Dartford, 187:2, Watford, and 187:1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 22nd September, 1888.**

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |                                   |
| TER LONDON                | 448,334  | 5,527,886                                      | 15.4  | 2.2                                   | 1629                             | 500                                       | 322  | -           | 35       | 21                | 32          | 29                  | 13     | 108        | 81        | 323 |                                   |
| VER LONDON -              | 77,410   | 4,282,921                                      | 15.8  | 2.3                                   | 1298                             | 385                                       | 238  | -           | 32       | 20                | 24          | 22                  | 11     | 78         | 69        | 293 |                                   |
| TER RING -                | 370,924  | 1,244,965                                      | 13.9  | 2.1                                   | 331                              | 115                                       | 84   | -           | 3        | 1                 | 8           | 7                   | 2      | 30         | 12        | 30  |                                   |

*Note*.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 522 square miles, which is equivalent to the area of a circle having a radius of 14.333 miles.

**TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.**

| CITIES.                             | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|-------------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA - -                        | 433,219                               | August 11                   | -                               | 163     | 19.6                               | Fevers 43; cholera 7; small-pox 1.                    |
| BOMBAY - -                          | 773,196                               | " 28                        | 336                             | 436     | 28.0                               | Fevers 136; cholera 15; diarr. dis. 41.               |
| MADRAS - -                          | 398,777                               | " 10                        | 344                             | 258     | 33.8                               | Fevers 49; cholera 9; diarr. dis. 55.                 |
| PARIS - - -                         | 2,260,945                             | September 15                | 1120                            | 855     | 19.7                               | Typhoid fever 16; diph. & croup 18; diarr. dis. 133.  |
| BRUSSELS - -<br>(with 8 Faubourgs.) | 462,069                               | " 15                        | 264                             | 183     | 20.6                               | Typhus and typh. fev. 3; diph. 2; diarr. dis. 33.     |
| AMSTERDAM -                         | 390,016                               | " 15                        | 245                             | 147     | 19.6                               | Wh.-cough 4; diph. 2.                                 |
| ROTTERDAM -                         | 193,658                               | " 15                        | 123                             | 71      | 19.0                               | Whooping-cough 3.                                     |
| THE HAGUE -                         | 149,477                               | " 15                        | 117                             | 54      | 18.7                               | Measles 3.  |
| COPENHAGEN -                        | 300,000                               | " 11                        | 188                             | 121     | 21.0                               | Diph. 3; scar. fev. 2; diarr. dis. 28.                |
| STOCKHOLM -                         | 221,549                               | " 8                         | 147                             | 66      | 15.5                               | Scarlet fever 2; diarr. dis. 18.                      |
| CHRISTIANIA -                       | 135,600                               | " 15                        | 70                              | 52      | 19.9                               | Whooping-cough 2; diph. and croup 2.                  |
| ST. PETERSBURG                      | 842,883                               | " 8                         | -                               | 421     | 23.1                               | Typhus and typhd. fev. 9; sc. fev. 7; diarr. dis. 88. |
| BERLIN - -                          | 1,438,006                             | " 1                         | 850                             | 633     | 23.2                               | Diph. 14; typ. & typh. fever 6; diarr. dis. 192.      |
| HAMBURG (State)                     | 550,694                               | " 8                         | 347                             | 225     | 21.3                               | Diphtheria and croup 10; tp. & td. fv. 7; meas. 4.    |
| DRESDEN - -                         | 259,142                               | " 8                         | 175                             | 99      | 19.0                               | Diarrhoeal diseases 21.                               |
| BRESLAU - -                         | 313,451                               | " 15                        | 224                             | 158     | 26.8                               | Diph. 7; diarr. dis. 24.                              |
| MUNICH - -                          | 275,000                               | " 8                         | 211                             | 162     | 30.6                               | Sc. fev. 4; diph. & ep. 5; diarr. dis. 62.            |
| VIENNA - -                          | 800,836                               | " 8                         | 469                             | 312     | 20.3                               | Scarlet fev. 6; diph. 4; diarr. dis. 31.              |
| PRAGUE - -                          | 295,857                               | " 8                         | -                               | 153     | 27.0                               | Sm.-pox 4; diphtheria 5; measles 3.                   |
| BUDA-PESTH -                        | 442,787                               | " 8                         | 342                             | 250     | 29.4                               | Diphtheria 3; typ. & typh. fev. 4; diarr. dis. 68.    |
| TRIESTE - -                         | 156,042                               | " 8                         | -                               | 77      | 25.7                               | Small-pox 4; diarr. dis. 14.                          |
| ROME - - -                          | 388,300                               | August 4                    | 241                             | 203     | 27.3                               | Meas. 8; mal. fev. 6; diarrhoeal dis. 32.             |
| TURIN (10 days)                     | 294,826                               | " 20                        | 279                             | 160     | 19.8                               | Diphtheria 2; croup 2; diarr. dis. 34.                |
| VENICE - - -                        | 150,502                               | September 8                 | 78                              | 54      | 18.7                               | Typhd. fv. 2; diarr. dis. 12.                         |
| CAIRO - - -                         | 374,338                               | August 30                   | 364                             | 330     | 50.1                               | Typh. fev. 16; whooping-cough 9; diarr. dis. 166.     |
| ALEXANDRIA -                        | 231,396                               | " 30                        | 185                             | 188     | 42.4                               | Typh. fev. 4; whooping-cough 2; diarr. dis. 68.       |
| NEW YORK - -                        | 1,493,000                             | September 1                 | -                               | 831     | 29.0                               | Diph. 23; scar. fever 25; typh. fev. 15; d. dis. 187. |
| BROOKLYN - -                        | 774,870                               | " 1                         | -                               | 353     | 23.2                               | Diph. 4; scar. fever 4; diarr. dis. 71.               |
| PHILADELPHIA -                      | 1,016,758                             | " 1                         | -                               | 352     | 18.1                               | Typh. fev. 24; diph. 5; diarr. dis. 43.               |
| BALTIMORE - -                       | 431,879                               | " 1                         | -                               | 180     | 21.7                               | Typh. fev. 5; diph. 7; diarr. dis. 53.                |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 22ND SEPTEMBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.<br>MONTH AND<br>DAY. | Phases<br>of the<br>Moon. | TEMPERATURE.    |               |              |                                 | TEMPERATURE.   |                         |  |                               | TEMPERATURE.                     |   |                                       |                      | Wind as deduced from Anemometers. |                                 |                        |                | Rain<br>collected<br>in a<br>Gauge<br>whose<br>receiving<br>surface is<br>5 inches<br>above<br>the<br>Ground. |                                 |   |  |     |     |     |    |
|----------------------------|---------------------------|-----------------|---------------|--------------|---------------------------------|--|-------------------------|--|-------------------------------|----------------------------------|---|---------------------------------------|----------------------|-----------------------------------|---------------------------------|------------------------|----------------|---|---------------------------------|---|--|-----|-----|-----|----|
|                            |                           | BARO-<br>METER. | Of the Air.   |              |                                 | Difference between<br>the Air and<br>Dew Point<br>Temperature. |                         | Degree<br>of Hu-<br>midity<br>on the<br>radiation<br>scale<br>(100). | Of<br>Radiation.              |                                  | Of the Water<br>of the Thames<br>at Deptford. |                                       | Osler's.             |                                   | Pressure on the<br>Square Foot. |                        | Robinson's.    |   |                                 |   |  |     |     |     |    |
|                            |                           |                 | High.<br>est. | Low.<br>est. | Daily<br>Range,<br>value,<br>°. | Mean<br>from<br>average<br>of<br>30 years.                     | Of the<br>Dew<br>Point. |  | Mean<br>Daily<br>value,<br>°. | Mean<br>Great-<br>est,<br>value. | Least.<br>value.                              | High-<br>est on the<br>Sun's<br>Rays. | Low-<br>est.<br>est. | A.M.                              | P.M.                            | Great-<br>est.<br>est. | Least.<br>est. |   | Mean<br>of 24<br>hourly<br>obs. | Horizontal<br>Movement<br>of the Air<br>on each<br>Day. | Depar-<br>ture from<br>Average<br>of 10 Years. |     |     |     |    |
|                            |                           |                 |               |              |                                 |  |                         |  |                               |                                  |   |                                       |                      |                                   |                                 |                        |                |   |                                 |   |  |     |     |     |    |
| SEPTEMBER.                 |                           | in.             | °             | °            | °                               | °  | °                       | °  | °                             | °                                | °   | °                                     | °                    | °                                 | °                               | °                      | °              | °   | °                               | °   | °  | °   | °   | °   |    |
| SUN. . 16                  | ..                        | 30.025          | 62.7          | 54.3         | 8.4                             | 57.6   | + 0.3                   | 45.6   | 9.0                           | 12.7                             | 3.0   | 0                                     | 0                    | 0                                 | 0                               | 0                      | 0              | 0   | 0                               | 0   | 0  | 0   | 0   | 0   |    |
| MON. . 17                  | ..                        | 30.076          | 64.7          | 53.1         | 11.6                            | 57.4   | + 0.3                   | 53.2   | 4.2                           | 10.6                             | 1.0   | 86                                    | 92.2                 | 52.3                              | 1.3                             | 0.0                    | 0.1            | 166   | - 110                           | 0.00  | 0.0  | 0.0 | 0.0 | 0.0 |    |
| TUES. . 18                 | ..                        | 30.104          | 61.4          | 52.3         | 9.1                             | 56.8   | - 0.1                   | 53.3   | 3.5                           | 5.8                              | 1.0   | 88                                    | 89.4                 | 43.6                              | 3.7                             | 0.0                    | 0.1            | 203   | - 70                            | 0.00  | 0.0  | 0.0 | 0.0 | 0.0 |    |
| WED. . 19                  | ..                        | 30.088          | 63.5          | 48.7         | 19.8                            | 57.5   | + 0.7                   | 50.1   | 7.4                           | 16.0                             | 0.0   | 77                                    | 131.2                | 41.5                              | 5.3                             | 0.0                    | 1.0            | 299   | + 29                            | 0.00  | 1.0  | 1.0 | 1.0 | 1.0 |    |
| THURS. . 20                | Full                      | 30.052          | 67.7          | 47.2         | 20.5                            | 57.0   | + 0.4                   | 50.9   | 6.1                           | 15.3                             | 0.0   | 80                                    | 126.5                | 39.4                              | 3.3                             | 0.0                    | 0.4            | 251   | - 17                            | 0.00  | 1.0  | 1.0 | 1.0 | 1.0 |    |
| FRI. . 21                  | In<br>Equinox             | 30.026          | 70.0          | 47.3         | 22.7                            | 57.2   | + 0.8                   | 51.6   | 5.6                           | 18.0                             | 0.0   | 81                                    | 124.8                | 38.8                              | 1.3                             | 0.0                    | 0.1            | 170   | - 95                            | 0.00  | 0.0  | 0.0 | 0.0 | 0.0 |    |
| SAT. . 22                  | ..                        | 30.032          | 68.8          | 47.1         | 21.7                            | 56.7   | + 0.5                   | 52.3   | 4.4                           | 13.1                             | 0.0   | 85                                    | 117.2                | 33.4                              | 0.9                             | 0.0                    | 0.0            | 151   | - 112                           | 0.00  | 0.0  | 0.0 | 0.0 | 0.0 |    |
| MEANS .                    | ..                        | 30.038          | 63.3          | 50.0         | 16.3                            | 57.2   | + 0.4                   | 51.4   | 5.7                           | 13.1                             | 0.7   | 81                                    | 110.2                | 44.1                              | ..                              | ..                     | ..             | Sum<br>1476   | Sum<br>- 418                    | Sum<br>0.00   | 0.3  | 0.3 | 0.3 | 0.3 |    |
| No. of Col. .              | 3                         | 4               | 5             | 6            | 7                               | 8  | 9                       | 10   | 11                            | 12                               | 13  | 14                                    | 15                   | 16                                | 17                              | 18                     | 19             | 20  | 21                              | 22  | 23   | 24  | 25  | 26  | 27 |

| DATE.         |    | ELECTRICITY.                                       |  | REGISTERED             |             | SUN ABOVE             |  | GENERAL REMARKS.  |  |
|---------------|----|--|--|------------------------|-------------|-----------------------|--|---|--|
| SEPTEMBER.    |    | (For explanation of<br>symbols, see Note.)         |  | Sunshine,<br>in hours. |             | Horizon,<br>in hours. |  |   |  |
| SUNDAY .      | 16 |  |  | 0.1                    | 12.6        |                       |  | Overcast generally.   |  |
| MONDAY .      | 17 |  |  | 0.1                    | 12.5        |                       |  | Overcast generally.   |  |
| TUESDAY .     | 18 |  |  | 0.2                    | 12.4        |                       |  | Overcast till afternoon; partially cloudy afterwards.   |  |
| WEDNESDAY .   | 19 | No record. Instru-<br>ment under exami-<br>nation. |  | 8.8                    | 12.3        |                       |  | A fine day. Partially cloudy till afternoon; gene-<br>rally cloudless afterwards.               |  |
| THURSDAY .    | 20 |  |  | 9.5                    | 12.3        |                       |  | Somewhat foggy in early morning; cloudless and<br>very fine throughout day.                     |  |
| FRIDAY .      | 21 |  |  | 6.8                    | 12.2        |                       |  | Foggy and cloudy in morning; cloudless and very<br>fine till evening; thin fog at night.        |  |
| SATURDAY .    | 22 |  |  | 7.1                    | 12.2        |                       |  | Overcast and foggy in morning; cloudless and very<br>fine from 10h A.M. till night, then foggy. |  |
| MEANS .       |    |  |  | Sum<br>32.6            | Sum<br>56.5 |                       |  |   |  |
| No. of Col. . |    |  |  | 29                     | 30          |                       |  |   |  |

The height of the cistern of the barometer is 150 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the twenty years ending 1885 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers at the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Castle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: - *L*, positive; *N*, negative; *w*, weak; *m*, moderate; *s*, strong; and *v*, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the approximate duration of bright sunshine on each day.

The result of all the meteorological observations are to be understood as applying to the civil day, from midnight to midnight.

The reading of the barometer increased from 29.02 in. at the beginning of the week to 30.13 in. by 8h. A.M. on the 22nd; decreased to 30.00 in. by 3h. P.M. on the 21st; increased to 30.06 in. by 4h. A.M. on the 22nd; and was 30.02 in. at the end of the week.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 39. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, SEPTEMBER 29. [Price 1½d.

General Register Office, Somerset House,  
1st October, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·3 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |              |              |              | TOWNS.             | Weeks ending |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------------|--------------|--------------|--------------|--------------|
|              | Sept.<br>8.  | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. |                    | Sept.<br>8.  | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. |
| Birkenhead   | 19·3         | 18·8         | 19·8         | 16·2         | Liverpool -        | 22·4         | 19·9         | 18·4         | 19·7         |
| Birmingham   | 17·8         | 17·0         | 19·5         | 15·1         | London -           | 16·0         | 16·2         | 15·8         | 16·0         |
| Blackburn    | 20·6         | 25·9         | 17·5         | 20·6         | Manchester -       | 22·6         | 25·7         | 27·6         | 28·4         |
| Bolton -     | 21·6         | 21·6         | 23·0         | 27·1         | Newcastle-on-Tyne* | 18·1         | 20·7         | 18·1         | 19·7         |
| Bradford*    | 16·1         | 14·5         | 20·2         | 16·4         | Norwich -          | 25·1         | 26·2         | 20·6         | 20·1         |
| Brighton     | 13·9         | 20·0         | 13·9         | 21·3         | Nottingham*        | 15·1         | 15·6         | 14·5         | 15·4         |
| Bristol -    | 12·7         | 14·3         | 11·1         | 15·2         | Oldham -           | 18·9         | 13·2         | 11·7         | 15·5         |
| Cardiff*     | 18·3         | 14·9         | 21·6         | 20·2         | Plymouth -         | 19·5         | 18·8         | 18·8         | 17·5         |
| Derby -      | 15·7         | 16·8         | 19·0         | 19·0         | Portsmouth -       | 14·2         | 15·0         | 22·8         | 27·7         |
| Halifax      | 21·5         | 18·9         | 15·0         | 14·3         | Preston -          | 24·8         | 25·8         | 27·8         | 32·3         |
| Huddersfield | 18·8         | 16·6         | 11·4         | 13·7         | Salford*           | 18·9         | 22·1         | 25·8         | 25·6         |
| Hull -       | 15·5         | 14·2         | 15·0         | 16·2         | Sheffield -        | 20·6         | 21·4         | 24·7         | 25·0         |
| Leeds -      | 24·4         | 22·1         | 22·3         | 22·0         | Sunderland -       | 15·4         | 14·2         | 21·8         | 16·2         |
| Leicester*   | 22·8         | 13·9         | 22·8         | 19·6         | Wolverhampton -    | 15·3         | 13·4         | 14·7         | 19·8         |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·3 in Blackburn; from *scarlet fever*, 1·8 in Blackburn; from *whooping-cough*, 1·0 in Cardiff, 1·1 in Norwich, and 1·3 in Halifax; from "*fever*," 1·4 in Salford; and from *diarrhœa*, 4·1 in Bolton, 4·5 in Sheffield, 6·1 in Norwich, 6·6 in Preston, and 8·2 in Portsmouth. The 36 deaths from *diphtheria* in these towns included 27 in London, 3 in Manchester, and 2 in Bristol. *Small-pox* caused one death in Hull, but not one in London, or in any of the twenty-six other great towns.

## LONDON.

In LONDON† 2395 BIRTHS and 1314 DEATHS were registered. Allowing for increase of population, the births were 325, and the deaths 94, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·2 and 15·8 in the two preceding weeks, rose again last week to 16·0. During the thirteen weeks ending on Saturday last, the death-rate averaged 16·2 per 1000, and was 3·4 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1314 deaths included 30 from measles, 22 from scarlet fever, 27 from diphtheria, 13 from whooping-cough, 13 from enteric fever, 77 from diarrhœa and

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 182 deaths were referred to these diseases, being 34 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 5; no small-pox patients were under treatment in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital, on Saturday last. The fatal cases of *measles*, which had been 26, 27, and 32 in the three preceding weeks, were last week 30, and exceeded the corrected average by 12; 3 belonged to Hammersmith, 7 to Pancras, and 5 to Stepney sanitary areas. The 22 fatal cases of *scarlet fever* showed an increase of 2 upon the number in the previous week, but were less than half the corrected average; 2 belonged to Islington, 4 to Hackney, 2 to Bethnal Green, 2 to Mile End Old Town, and 4 to Poplar sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 916 scarlet fever patients, against numbers increasing from 774 to 850 in the five preceding weeks; 132 cases were admitted during the week, against 79, 93, and 115 in the three previous weeks. The 27 fatal cases of *diphtheria* showed a further increase of 3 upon recent weekly numbers, and exceeded the corrected average by 8; 4 belonged to Kensington, 2 to Pancras, 2 to Whitechapel, 2 to Lambeth, and 2 to Lewisham sanitary areas. The 13 deaths from *whooping-cough* showed a further considerable decline from the numbers in recent weeks, and were 15 below the corrected average; 2 belonged to Pancras, and 2 to Camberwell sanitary areas. The deaths attributed to *diarrhœa* and *dysentery*, which had declined in the five preceding weeks from 192 to 78, were last week 77, and exceeded the corrected average by 5; 74 were of children under five years of age, including 61 of infants under one year of age.

The deaths referred to *enteric fever*, which had been 12 and 11 in the two preceding weeks, were last week 13, and were 11 below the corrected average; 2 belonged to Pancras, and 2 to Camberwell sanitary areas. The Metropolitan Asylum Hospitals contained 81 cases of enteric fever, and one of typhus, on Saturday last; 3 cases of enteric fever were admitted during the week, against numbers increasing from 7 to 14 in the four preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 184 and 179 in the two preceding weeks, rose last week to 213, but were 11 below the corrected average.

Different forms of violence caused 61 deaths; 44 were the result of negligence or accident, among which were 21 from fractures and contusions, 2 from burns and scalds, 7 from drowning, 2 from poison, and 9 of infants under one year of age from suffocation. The 21 deaths from fractures and contusions were thus caused:—5 by accidents from horses or vehicles in street; 3 by fall down stairs or steps; 1 by fall from roof; 1 by fall from load of straw; 1 by fall from bed; 1 by fall against a chest of drawers; 2 by fall, the nature of which was not stated; 1 by blow given by a person in self-defence; 1 by injuries from machinery; 2 by injuries from fall of dock bucket; 1 by injuries from fall of log; and 2 by fracture, the cause of which was not stated. An inquest was held in each case except one of the two last-mentioned. Thirteen cases of suicide were registered, exceeding the corrected average by 6.

The widow of a seaman died on 24th instant in Commercial Road, Mile End Old Town, whose age was stated to be 101 years.

#### GREATER LONDON.

In Greater London 3158 births and 1634 deaths were registered, corresponding to annual rates of 29·8 and 15·4 per 1000 of the estimated population. In the Outer Ring 14 deaths from *diarrhœa*, 7 from *diphtheria*, and 6 from scarlet fever, were registered. The deaths from *diarrhœa* included 3 in West Ham, 3 in Croydon, and 2 in Tottenham sub-districts. Three fatal cases of scarlet fever occurred in West Ham, and 3 of *diphtheria* in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·86 ins.; the highest reading was 30·09 ins. on Wednesday evening, and the lowest 29·39 ins. at the end of the week. The mean temperature of the *air* was 55°·8, and 0°·2 above the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on Monday, Friday, and Saturday, but was below the average on each of the other days of the week. The general direction of the *wind* was N.E., and the horizontal movement of the *air* averaged 7·4 miles per hour, which was 3·3 miles below the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week to the aggregate amount of 0·51 of an inch. The duration of registered bright sunshine in the week was 12·7 hours, against 21·2 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGH. | CITIES<br>AND<br>BOROUGH. | Registered during<br>the Week ending<br>29th Sept., 1888. |                               |             |          | The Deaths registered in the Week include |             |                     |        |            |           |                  |                                      |                                  |                  | TEMPERATURE OF THE AIR.                 |          |         |             |            |                      | RAINFALL.   |       |      |      |       |                |       |
|---------------------------|---------------------------|---|-------------------------------|-------------|----------|---|-------------|---------------------|--------|------------|-----------|------------------|--------------------------------------|----------------------------------|------------------|---|----------|---------|-------------|------------|----------------------|-------------|-------|------|------|-------|----------------|-------|
|                           |                           | Deaths of<br>Persons aged<br>60 Years<br>and upwards.     |                               | Deaths from |          |   |             |                     |        |            |           | Causes of Death. |                                      | From All Causes.                 |                  |   | Mean.    |         |             | In Inches. | In Centi-<br>metres. |             |       |      |      |       |                |       |
|                           |                           | 1. Year of<br>Age.  | 2. Under<br>1 Year of<br>Age. | Small-pox.  | Measles. | Scarlet<br>Fever.                         | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases.   | Deaths in<br>Public<br>Institutions. | Unclassified<br>Causes of Death. | From All Causes. | From<br>Week of Deaths<br>(Cols. 6-12). | Highest. | Lowest. | Fahrenheit. |            |                      | Centigrade. |       |      |      |       |                |       |
| Cols.                     | Cols.                     | 1.  | 2.                            | 3.          | 4.       | 5.  | 6.          | 7.                  | 8.     | 9.         | 10.       | 11.              | 12.                                  | 13.                              | 14.              | 15.                                     | 16.      | 17.     | 18.         | 19.        | 20.                  | 21.         | 22.   | 23.  | 24.  | Cols. | Cols.          |       |
| 28 Towns* -               | 9,398,273                 | 5266  | 3295                          | -           | 1120     | 600                                       | 1           | 44                  | 49     | 36         | 42        | 47               | 351                                  | 117                              | 196              | 531                                     | 63       | 18.3    | 3.2         | 68.2       | 38.7                 | 51.8        | 10.99 | 0.30 | 0.76 | -     | 28 Towns.      |       |
| LONDON* -                 | 4,282,921                 | 2395  | 1314                          | -           | 395      | 271                                       | -           | 80                  | 22     | 27         | 13        | 13               | 77                                   | 61                               | 101              | 325                                     | 11       | 16.0    | 2.2         | 68.2       | 45.0                 | 55.8        | 13.22 | 0.51 | 1.30 | -     | LONDON.        |       |
| BRIGHTON -                | 119,983                   | 49  | 49                            | -           | 17       | 18  | -           | 1                   | -      | -          | -         | -                | 8                                    | -                                | -                | 9                                       | 2        | 21.3    | 3.9         | 68.0       | 51.0                 | 57.8        | 14.33 | 0.38 | 0.97 | -     | BRIGHTON.      |       |
| PORTSMOUTH -              | 139,575                   | 82  | 74                            | -           | 33       | 15  | -           | -                   | -      | -          | -         | -                | 22                                   | 3                                | 3                | 7                                       | -        | 27.7    | 8.2         | -          | -                    | -           | -     | -    | -    | -     | PORTSMOUTH.    |       |
| NORWICH -                 | 93,675                    | 53  | 36                            | -           | 20       | 5   | -           | -                   | -      | -          | 2         | 1                | 11                                   | 1                                | 3                | 2                                       | -        | 20.1    | 7.8         | -          | -                    | -           | -     | -    | -    | -     | PORTSMOUTH.    |       |
| PLYMOUTH -                | 77,674                    | 32  | 26                            | -           | 8        | 7   | -           | -                   | -      | -          | -         | -                | -                                    | -                                | -                | 3                                       | 1        | 17.5    | 1.3         | 66.2       | 46.0                 | 56.6        | 13.67 | 0.34 | 0.86 | -     | NORWICH.       |       |
| BRISTOL -                 | 226,510                   | 142   | 66                            | -           | 27       | 14  | -           | -                   | -      | 2          | -         | -                | 5                                    | 2                                | 4                | 7                                       | 2        | 15.2    | 1.6         | 64.5       | 41.1                 | 52.7        | 11.50 | 0.46 | 1.17 | -     | PLYMOUTH.      |       |
| WOLVERHAMPTON -           | 81,691                    | 47  | 31                            | -           | 13       | 7   | -           | -                   | -      | -          | 1         | 1                | 4                                    | 1                                | 3                | 7                                       | 1        | 19.8    | 3.8         | 59.4       | 38.7                 | 50.3        | 10.17 | 0.16 | 0.41 | -     | BRISTOL.       |       |
| BIRMINGHAM -              | 447,912                   | 237   | 130                           | -           | 46       | 17  | -           | 2                   | 2      | -          | 4         | 2                | 23                                   | 5                                | 6                | 7                                       | 4        | 15.1    | 3.8         | -          | -                    | -           | -     | -    | -    | -     | WOLVERHAMPTON. |       |
| LEICESTER* -              | 146,790                   | 78  | 55                            | -           | 32       | 6   | -           | 1                   | -      | 2          | -         | 9                | -                                    | -                                | 4                | 2                                       | -        | 19.6    | 4.3         | -          | -                    | -           | -     | -    | -    | -     | BIRMINGHAM.    |       |
| NOTTINGHAM* -             | 230,921                   | 114   | 68                            | -           | 24       | 18  | -           | -                   | 1      | 1          | -         | 1                | 5                                    | 2                                | 2                | 12                                      | -        | 15.4    | 1.8         | 60.5       | 39.0                 | 50.9        | 10.50 | 0.31 | 0.79 | -     | LEICESTER.     |       |
| DERBY -                   | 96,241                    | 47  | 35                            | -           | 14       | 8   | -           | -                   | -      | -          | 1         | -                | 4                                    | 1                                | 3                | 4                                       | 1        | 19.0    | 2.7         | -          | -                    | -           | -     | -    | -    | -     | NOTTINGHAM.    |       |
| BIRKENHEAD -              | 100,093                   | 57  | 31                            | -           | 11       | 6   | -           | -                   | -      | -          | -         | 1                | 1                                    | -                                | -                | 6                                       | 1        | 16.2    | 1.0         | -          | -                    | -           | -     | -    | -    | -     | DERBY.         |       |
| LIVERPOOL -               | 599,738                   | 297   | 226                           | -           | 81       | 29  | -           | 1                   | 3      | 1          | -         | 9                | 31                                   | 9                                | 13               | 38                                      | 10       | 19.7    | 3.9         | 61.1       | 41.7                 | 51.5        | 10.33 | 0.08 | 0.20 | -     | BIRKENHEAD.    |       |
| MOLTON -                  | 113,506                   | 71  | 59                            | -           | 20       | 10  | -           | -                   | 1      | -          | 2         | 1                | 9                                    | 3                                | 4                | 5                                       | 2        | 27.1    | 6.0         | -          | -                    | -           | -     | -    | -    | -     | LIVERPOOL.     |       |
| MANCHESTER -              | 378,164                   | 252   | 206                           | -           | 69       | 28  | -           | 3                   | 2      | 3          | 4         | 5                | 18                                   | 5                                | 11               | 34                                      | 6        | 28.4    | 4.8         | -          | -                    | -           | -     | -    | -    | -     | MOLTON.        |       |
| SALFORD* -                | 225,338                   | 122   | 111                           | -           | 40       | 12  | -           | 1                   | 3      | -          | 2         | 6                | 17                                   | 2                                | 2                | 6                                       | -        | 25.6    | 6.7         | -          | -                    | -           | -     | -    | -    | -     | MANCHESTER.    |       |
| OLDHAM -                  | 158,220                   | 81  | 41                            | -           | 8        | 5   | -           | -                   | -      | -          | 1         | 2                | -                                    | 2                                | 2                | 6                                       | 1        | 15.5    | 1.1         | -          | -                    | -           | -     | -    | -    | -     | SALFORD.       |       |
| BLACKBURN -               | 119,039                   | 69  | 47                            | -           | 14       | 7   | -           | -                   | -      | -          | 1         | 1                | 7                                    | 2                                | 2                | 2                                       | 2        | 20.6    | 6.6         | -          | -                    | -           | -     | -    | -    | -     | OLDHAM.        |       |
| PRESTON -                 | 103,234                   | 77  | 64                            | -           | 26       | 10  | -           | 3                   | 4      | -          | -         | -                | -                                    | 2                                | 2                | 2                                       | 2        | 32.3    | 7.1         | -          | -                    | -           | -     | -    | -    | -     | BLACKBURN.     |       |
| HUDDERSFIELD -            | 91,419                    | 29  | 24                            | -           | 5        | 4   | -           | -                   | -      | -          | -         | 1                | -                                    | 2                                | 2                | 1                                       | -        | 13.7    | 0.6         | -          | -                    | -           | -     | -    | -    | -     | PRESTON.       |       |
| HALIFAX -                 | 80,188                    | 37  | 22                            | -           | 6        | 4   | -           | -                   | -      | -          | 2         | -                | -                                    | -                                | -                | 1                                       | 3        | 14.3    | 1.3         | -          | -                    | -           | -     | -    | -    | -     | HUDDERSFIELD.  |       |
| BRADFORD* -               | 229,721                   | 115   | 72                            | -           | 21       | 12  | -           | 1                   | 1      | -          | -         | -                | 7                                    | 2                                | 3                | 5                                       | -        | 16.4    | 2.0         | 59.0       | 42.5                 | 49.7        | 9.83  | 0.05 | 0.13 | -     | HALIFAX.       |       |
| LEEDS -                   | 351,210                   | 226   | 148                           | -           | 63       | 21  | -           | -                   | 2      | -          | 1         | -                | 21                                   | 2                                | 7                | 8                                       | 3        | 22.0    | 3.6         | -          | -                    | -           | -     | -    | -    | -     | BRADFORD.      |       |
| SHEFFIELD -               | 321,711                   | 169   | 154                           | -           | 48       | 27  | -           | 1                   | 4      | 1          | 3         | 2                | 28                                   | 3                                | 7                | 10                                      | 8        | 25.0    | 6.3         | -          | -                    | -           | -     | -    | -    | -     | LEEDS.         |       |
| HULL -                    | 202,359                   | 125   | 63                            | -           | 26       | 10  | -           | -                   | 3      | -          | 1         | -                | 8                                    | 3                                | 3                | 6                                       | 1        | 16.2    | 3.4         | 61.0       | 42.0                 | 49.9        | 9.94  | 0.42 | 1.07 | -     | SHEFFIELD.     |       |
| SUNDERLAND -              | 181,919                   | 63  | 41                            | -           | 11       | 12  | -           | -                   | 1      | -          | 1         | -                | 1                                    | 8                                | 1                | 2                                       | 7        | 1       | 16.2        | 4.0        | 59.0                 | 40.0        | 47.5  | 8.61 | 0.40 | 1.02  | -              | HULL. |
| NEWCASTLE* -              | 169,008                   | 115   | 60                            | -           | 17       | 14  | -           | -                   | -      | -          | 1         | -                | 5                                    | 3                                | 4                | 7                                       | 2        | 19.7    | 2.0         | 55.0       | 43.0                 | 47.0        | 8.33  | 0.16 | 0.41 | -     | SUNDERLAND.    |       |
| CARDIFF* -                | 108,570                   | 85  | 42                            | -           | 25       | 3   | -           | -                   | -      | -          | 2         | -                | 8                                    | -                                | 3                | 5                                       | -        | 20.2    | 4.8         | -          | -                    | -           | -     | -    | -    | -     | NEWCASTLE.     |       |
| EDINBURGH -               | 262,783                   | 120   | 70                            | -           | 15       | 19  | -           | -                   | -      | 1          | -         | -                | 4                                    | -                                | ?                | 13                                      | 16       | 13.9    | 1.0         | 64.5       | 36.8                 | 49.8        | 9.89  | 0.10 | 0.25 | -     | CARDIFF.       |       |
| GLASGOW -                 | 526,088                   | 347   | 195                           | -           | 48       | 44  | -           | 3                   | 4      | 3          | 4         | 5                | 4                                    | 13                               | ?                | 36                                      | 27       | 19.3    | 2.3         | 65.2       | 42.3                 | 51.1        | 10.61 | 0.16 | 0.41 | -     | EDINBURGH.     |       |
| DUBLIN -                  | 353,082                   | 253   | 165                           | -           | 47       | 34  | -           | 1                   | 1      | 1          | 4         | 2                | 18                                   | 4                                | 6                | 48                                      | 25       | 24.4    | 4.0         | 64.2       | 40.7                 | 53.0        | 11.67 | 0.32 | 0.81 | -     | GLASGOW.       |       |
|                           |                           |   |                               |             |          |   |             |                     |        |            |           |                  |                                      |                                  |                  |   |          |         |             |            |                      |             |       |      |      | -     | DUBLIN.        |       |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered last Week, and in the THIRTY-NINTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2494 | 2473 | 2453 | 2518 | 2538 | 2399 | 2571 | 2516 | 2559 | 2420 | 2719·7   | 2395 |
| Males . .           | 1262 | 1244 | 1268 | 1312 | 1309 | 1234 | 1317 | 1253 | 1331 | 1273 | 1396·1   | 1219 |
| Females .           | 1232 | 1229 | 1185 | 1205 | 1229 | 1165 | 1254 | 1263 | 1228 | 1147 | 1323·6   | 1176 |
| <b>TOTAL Deaths</b> | 1355 | 1193 | 1353 | 1217 | 1449 | 1257 | 1243 | 1251 | 1350 | 1244 | 1408·0   | 1314 |
| Males . .           | 693  | 605  | 704  | 635  | 745  | 662  | 643  | 660  | 714  | 655  | 732·9  | 679  |
| Females .           | 662  | 588  | 649  | 582  | 704  | 595  | 595  | 591  | 636  | 589  | 675·1  | 635  |

\* The numbers in this column are the average weekly numbers in the thirty-ninth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |   | July<br>7. | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. |
|--|---|---|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| <b>TOTAL Births</b>                      | - | - | 2348       | 2520        | 2385        | 2353        | 2530       | 2228        | 2604        | 2401        | 2508        | 2475        | 2488         | 2463         | 2395         |
| <b>TOTAL Deaths</b>                      | - | - | 1211       | 1288        | 1297        | 1308        | 1309       | 1476        | 1330        | 1438        | 1342        | 1316        | 1331         | 1298         | 1314         |
| 0—20                                     | - | - | 576        | 628         | 636         | 670         | 726        | 816         | 713         | 838         | 730         | 701         | 666          | 650          | 663          |
| 20—40                                    | - | - | 172        | 160         | 168         | 155         | 181        | 174         | 173         | 133         | 159         | 145         | 159          | 177          | 176          |
| 40—60                                    | - | - | 208        | 229         | 242         | 206         | 205        | 238         | 177         | 202         | 208         | 205         | 226          | 233          | 199          |
| 60—80                                    | - | - | 205        | 230         | 202         | 217         | 195        | 217         | 217         | 221         | 204         | 223         | 235          | 197          | 225          |
| at 80 years & upwds.                     |   |   | 50         | 41          | 49          | 60          | 52         | 41          | 50          | 39          | 41          | 42          | 45           | 41           | 46           |
| Deaths of children { Under 1 year        | - | - | 302        | 359         | 384         | 385         | 449        | 493         | 444         | 500         | 441         | 426         | 407          | 385          | 395          |
| 1—5                                      | - | - | 203        | 182         | 177         | 186         | 200        | 233         | 187         | 260         | 219         | 202         | 195          | 184          | 185          |
| 5—20                                     | - | - | 71         | 87          | 75          | 99          | 77         | 90          | 82          | 78          | 70          | 73          | 64           | 81           | 88           |
| Deaths from Small-pox                    | - | - | —          | 1           | 1           | —           | —          | —           | —           | —           | —           | —           | —            | —            | —            |
| "    "    Measles                        | - | - | 23         | 26          | 25          | 40          | 29         | 51          | 33          | 47          | 39          | 26          | 27           | 32           | 30           |
| "    "    Scarlet fever                  | - | - | 10         | 18          | 14          | 23          | 18         | 17          | 17          | 21          | 15          | 19          | 24           | 20           | 22           |
| "    "    Diphtheria                     | - | - | 29         | 24          | 15          | 21          | 19         | 25          | 13          | 17          | 23          | 18          | 18           | 24           | 27           |
| "    "    Whooping-cough                 | - | - | 31         | 32          | 33          | 30          | 25         | 27          | 20          | 28          | 24          | 32          | 31           | 22           | 13           |
| "    "    Typhus                         | - | - | —          | —           | —           | —           | —          | —           | 2           | —           | —           | —           | —            | —            | —            |
| "    "    Enteric fever                  | - | - | 7          | 12          | 8           | 15          | 9          | 6           | 2           | 7           | 10          | 11          | 12           | 11           | 13           |
| "    "    Simple Cont'd fever            | - | - | 2          | 1           | —           | 1           | —          | 1           | 1           | —           | 1           | 1           | 1            | —            | —            |
| "    "    Diarrhœa and Dysentery         | - | - | 51         | 72          | 62          | 89          | 121        | 133         | 162         | 192         | 144         | 131         | 122          | 78           | 77           |
| "    "    Cholera                        | - | - | 3          | 3           | 2           | 4           | 4          | 5           | 4           | 7           | 2           | 3           | 1            | 4            | —            |
| Deaths from the above-mentioned Diseases | - | - | 156        | 189         | 160         | 223         | 225        | 270         | 254         | 319         | 258         | 241         | 236          | 191          | 182          |
| "    "    Dis. of Respiratory System     | - | - | 176        | 164         | 166         | 160         | 167        | 183         | 167         | 172         | 130         | 148         | 184          | 179          | 213          |
| "    "    Phthisis                       | - | - | 114        | 114         | 141         | 117         | 123        | 131         | 134         | 108         | 125         | 122         | 132          | 146          | 117          |
| "    "    Dis. of Circulatory System     | - | - | 96         | 110         | 118         | 92          | 93         | 123         | 85          | 84          | 91          | 109         | 93           | 114          | 112          |
| Violent Deaths                           | - | - | 65         | 56          | 54          | 63          | 49         | 56          | 47          | 47          | 53          | 32          | 61           | 69           | 61           |
| Inquest Cases                            | - | - | 107        | 125         | 104         | 89          | 97         | 100         | 91          | 87          | 88          | 71          | 103          | 112          | 101          |
| Deaths in Public Institutions            | - | - | 285        | 300         | 314         | 305         | 260        | 341         | 296         | 303         | 292         | 296         | 312          | 293          | 325          |
| TEMPERATURE OF THE AIR                   |   |   |            |             |             |             |            |             |             |             |             |             |              |              |              |
| Mean                                     | - | - | 56·4       | 55·8        | 59·4        | 60·3        | 56·9       | 63·9        | 56·4        | 60·0        | 56·6        | 57·1        | 54·5         | 57·2         | 55·8         |
| Mean of Highest readings                 | - | - | 65·3       | 64·7        | 68·6        | 69·9        | 67·5       | 75·2        | 67·1        | 70·2        | 66·4        | 65·9        | 66·3         | 66·3         | 65·2         |
| Mean of Lowest readings                  | - | - | 50·8       | 48·2        | 52·8        | 53·8        | 50·4       | 54·3        | 48·6        | 51·8        | 48·4        | 51·2        | 44·7         | 50·0         | 49·9         |
| Humidity of the Air                      | - | - | 87         | 77          | 83          | 81          | 87         | 75          | 77          | 82          | 81          | 83          | 83           | 81           | 90           |
| Rain-fall in inches                      | - | - | 0·90       | 0·44        | 1·61        | 1·11        | 4·29       | 0·11        | 0·00        | 0·81        | 1·22        | 0·16        | 0·06         | 0·00         | 0·51         |
| Registered Sunshine (in hours)           | - | - | 18·5       | 23·2        | 11·8        | 34·3        | 22·0       | 47·5        | 27·8        | 29·2        | 32·2        | 20·8        | 42·4         | 32·6         | 12·7         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrothesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the THIRTY-NINTH Week of the Year 1888.

| USES OF DEATH.                               | Corrected Averages for the 39th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 29th September 1888. |           |      |       |                  |                  |                  |                       |           |   | CAUSES OF DEATH. | Corrected Averages for the 39th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 29th September 1888. |                  |                  |                       |      |       |    |   |  |  |
|--|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|-----------|---|------------------|---|---|------------------|------------------|-----------------------|------|-------|----|---|--|--|
|  |   | Deaths of Persons of the Ages                     |           |      |       |                  |                  |                  |                       |           |   |                  |   | Deaths of Persons of the Ages                     |                  |                  |                       |      |       |    |   |  |  |
|  |   | ALL AGES.   | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | ALL AGES. | Under 20.   |                  |   | 20 and under 40.                                  | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |      |       |    |   |  |  |
|  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |           | 0-1.  |                  |   |   |                  |                  |                       | 1-5. | 5-20. |    |   |  |  |
| ALL CAUSES -                                 | 1408.0  | 1314  | 395       | 185  | 88    | 176              | 199              | 225              | 46                    |           | Diseases of Organs of Special Sense † -               | 3.2              | 5   | 2   | 1                | 1                | 1                     | -    | -     | -  | - |  |  |
| Small-pox { Vaccinated; - 4.9 {              |   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Diseases of Circulatory System -                      | 95.6             | 112   | -   | 2                | 10               | 20                    | 37   | 38    | 5  |   |  |  |
| Scarlet Fever -                              | 18.0  | 30  | 3         | 25   | 2     | -                | -                | -                | -                     |           | Croup -   | 12.9             | 6   | -   | 5                | 1                | -                     | -    | -     | -  |   |  |  |
| Diphtheria -                                 | 44.7  | 22  | -         | 13   | 9     | -                | -                | -                | -                     |           | Bronchitis -  | 120.5            | 117   | 38  | 17               | 2                | 1                     | 11   | 88    | 10 |   |  |  |
| Whooping-cough † -                           | 1.3   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Pneumonia -   | 61.4             | 61  | 18  | 13               | 5                | 7                     | 13   | 3     | 2  |   |  |  |
| Influenza -                                  | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Pleurisy -  | 5.1              | 2   | -   | -                | -                | 1                     | 1    | -     | -  |   |  |  |
| Measles -                                    | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Other Diseases of Respiratory System -                | 24.2             | 27  | 9   | 3                | 1                | 2                     | 6    | 6     | -  |   |  |  |
| Scarlatina -                                 | 23.2  | 13  | 10        | 3    | -     | -                | -                | -                | -                     |           | Dentition † -   | 10.2             | 11  | 10  | 1                | -                | -                     | -    | -     | -  |   |  |  |
| Erysipelas -                                 | 18.6  | 27  | -         | 17   | 9     | 1                | -                | -                | -                     |           | Quinsy, Sore Throat † -                               | 1.0              | 1   | 1   | -                | -                | -                     | -    | -     | -  |   |  |  |
| Scarlatina Continued and ill-defined Fever - | 2.6   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Enteritis -   | 7.5              | 14  | 8   | 4                | 1                | -                     | -    | -     | 1  |   |  |  |
| Scarlet Fever -                              | 23.7  | 13  | -         | 2    | 3     | 6                | -                | -                | -                     |           | Peritonitis -   | 5.8              | 5   | -   | 2                | 2                | 1                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 1.9   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Diseases of Liver -                                   | 28.2             | 27  | 2   | -                | 1                | 7                     | 9    | 7     | 1  |   |  |  |
| Scarlatina -                                 | 72.3  | 77  | 61        | 13   | 1     | -                | -                | 2                | -                     |           | Other Diseases of Digestive System -                  | 26.3             | 80  | 3   | 5                | 2                | 3                     | 6    | 10    | 1  |   |  |  |
| Scarlatina -                                 | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Diseases of Lymphatic System & of Ductless Glands † - | 2.1              | -   | -   | -                | -                | -                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 0.3   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Diseases of Urinary System -                          | 37.8             | 37  | -   | 3                | 1                | 5                     | 12   | 13    | 3  |   |  |  |
| Scarlatina -                                 | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Diseases of Generative System -                       | 5.8              | 3   | -   | -                | -                | 2                     | 1    | -     | -  |   |  |  |
| Scarlatina -                                 | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Accidents of Childbirth -                             | 3.7              | 3   | -   | -                | -                | 2                     | 1    | -     | -  |   |  |  |
| Scarlatina -                                 | 0.4   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Diseases of Locomotive System † -                     | 6.0              | 6   | -   | 1                | 2                | 3                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 8.7   | 1   | 1         | -    | -     | -                | -                | -                | -                     |           | Diseases of Integumentary System -                    | 6.2              | 8   | 4   | -                | -                | 1                     | 2    | 1     | -  |   |  |  |
| Scarlatina -                                 | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     |           | VIOLENT DEATHS.‡                                      |                  |   |   |                  |                  |                       |      |       |    |   |  |  |
| Scarlatina -                                 | 4.7   | 11  | -         | -    | -     | 3                | 5                | 3                | -                     |           | ACCIDENT.)  |                  |   |   |                  |                  |                       |      |       |    |   |  |  |
| Scarlatina -                                 | 7.0   | 4   | -         | -    | 1     | 1                | 1                | 1                | -                     |           | Fracture and Contusion -                              | 19.2             | 21  | -   | 3                | 2                | 4                     | 7    | 4     | 1  |   |  |  |
| Scarlatina -                                 | 1.8   | 1   | -         | -    | -     | -                | -                | 1                | -                     |           | Gunshot Wound -                                       | 0.2              | -   | -   | -                | -                | -                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 3.4   | 4   | -         | -    | -     | -                | -                | 4                | -                     |           | Cut, Stab -   | 0.3              | -   | -   | -                | -                | -                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 1.9   | 5   | 3         | 2    | -     | -                | -                | -                | -                     |           | Burn and Scald -                                      | 2.8              | 2   | 1   | 1                | -                | 1                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 49.2  | 42  | -         | -    | -     | 6                | 19               | 18               | 1                     |           | Poison -  | 0.5              | 7   | -   | -                | 2                | 5                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 35.0  | 33  | 22        | 10   | 1     | -                | -                | -                | -                     |           | Drowning -  | 8.0              | 10  | 9   | 1                | -                | -                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 23.8  | 21  | 5         | 12   | 4     | -                | -                | -                | -                     |           | Suffocation -   | 9.2              | 2   | -   | 1                | -                | -                     | 1    | -     | -  |   |  |  |
| Scarlatina -                                 | 167.9   | 117   | 3         | 2    | 9     | 62               | 35               | 5                | 1                     |           | Otherwise -   | 2.0              | -   | -   | -                | -                | -                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 13.8  | 13  | 3         | 5    | 3     | -                | -                | 2                | -                     |           | (HOMICIDE.)   |                  |   |   |                  |                  |                       |      |       |    |   |  |  |
| Scarlatina -                                 | 9.3   | 8   | 2         | -    | 1     | 4                | 1                | -                | -                     |           | Murder & Manslaughter -                               | 1.5              | 4   | 2   | -                | -                | -                     | 2    | -     | -  |   |  |  |
| Scarlatina -                                 | 31.1  | 49  | 49        | -    | -     | -                | -                | -                | -                     |           | (SUICIDE.)  |                  |   |   |                  |                  |                       |      |       |    |   |  |  |
| Scarlatina -                                 | 3.0   | 1   | 1         | -    | -     | -                | -                | -                | -                     |           | Gunshot Wound -                                       | 0.8              | 2   | -   | -                | -                | -                     | -    | 1     | 1  |   |  |  |
| Scarlatina -                                 | 6.9   | 6   | 6         | -    | -     | -                | -                | -                | -                     |           | Cut, Stab -   | 1.3              | 1   | -   | -                | -                | -                     | -    | 1     | 1  |   |  |  |
| Scarlatina -                                 | 45.5  | 30  | -         | -    | -     | -                | -                | 15               | 15                    |           | Poison -  | 1.2              | 5   | -   | -                | -                | 3                     | 1    | -     | -  |   |  |  |
| Scarlatina -                                 | 39.1  | 32  | -         | -    | -     | 1                | 11               | 18               | 2                     |           | Drowning -  | 1.2              | -   | -   | -                | -                | -                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 5.5   | 3   | -         | -    | -     | 2                | -                | 1                | -                     |           | Hanging -   | 1.5              | 4   | -   | -                | -                | 1                     | 1    | 2     | -  |   |  |  |
| Scarlatina -                                 | 37.6  | 50  | 43        | 7    | -     | -                | -                | -                | -                     |           | Otherwise -   | 1.0              | 1   | -   | -                | -                | -                     | 1    | -     | -  |   |  |  |
| Scarlatina -                                 | 77.4  | 83  | 15        | 10   | 9     | 12               | 9                | 28               | 2                     |           | (EXECUTION.)  |                  |   |   |                  |                  |                       |      |       |    |   |  |  |
| Scarlatina -                                 | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |           | Hanging -   | 0.0              | -   | -   | -                | -                | -                     | -    | -     | -  |   |  |  |
| Scarlatina -                                 | 75.9  | 57  | 51        | 3    | 1     | -                | -                | -                | 2                     |           | OTHER CAUSES † -                                      | 75.9             | 57  | 51  | 3                | 1                | -                     | -    | 2     | -  |   |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.046 per cent. for increase of population.

As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

\* These cases of small-pox only are returned as "vaccinated," or as "unvaccinated," which are so certified by registered medical men. When attention, the case is returned under the heading "no statement."

† The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, slaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DYPHTHERIA, ENTERIC (or TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, VIOLENCE, INQUEST CASES, and Deaths in Public Institutions, during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include    |                                     |             |          |                |             |                 |         |                                |                              |           |           |                |                                   |
|---|--|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|-----------|-----------|----------------|-----------------------------------|
|   |  |                                     |                                     | Deaths of<br>Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Deaths from |          |                |             |                 |         |                                |                              |           |           | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |  |                                     |                                     |  |                                     | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhœa. | Violence. |                |                                   |
| LONDON . . . . .  | 3,815,704                                    | 2395                                | 1314                                | 395  | 271                                 | -           | 30       | 22             | 27          | 13              | -       | 13                             | -                            | 77        | 61        | 101            | 325                               |
| WEST DISTRICTS . . . . .  | 669,033                                      | 327                                 | 236                                 | 54   | 59                                  | -           | 7        | 8              | 9           | 1               | -       | 1                              | -                            | 9         | 9         | 19             | 34                                |
| NORTH DISTRICTS . . . . .   | 905,947                                      | 561                                 | 256                                 | 70   | 54                                  | -           | 10       | 9              | 2           | 4               | -       | 8                              | -                            | 10        | 6         | 14             | 58                                |
| CENTRAL DISTRICTS . . . . .   | 282,238                                      | 137                                 | 76                                  | 24   | 11                                  | -           | -        | -              | 2           | -               | -       | 1                              | -                            | 6         | 6         | 7              | 26                                |
| EAST DISTRICTS . . . . .  | 692,738                                      | 465                                 | 293                                 | 102  | 39                                  | -           | 10       | 6              | 4           | 3               | -       | 4                              | -                            | 20        | 21        | 37             | 80                                |
| SOUTH DISTRICTS . . . . .   | 1,265,148                                    | 905                                 | 453                                 | 145  | 108                                 | -           | 3        | 4              | 10          | 5               | -       | 4                              | -                            | 32        | 19        | 24             | 77                                |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -  | -                                   | -                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| WEST DISTRICTS.   |  |                                     |                                     |  |                                     |             |          |                |             |                 |         |                                |                              |           |           |                |                                   |
| St. Mary Paddington WHH G.J. & W.M.   | 69888  | 45                                  | 21                                  | 3  | 10                                  | -           | -        | 1              | -           | -               | -       | -                              | -                            | -         | -         | 1              | 8                                 |
| St. John Paddington H - - G.J.  | 37380  | 5                                   | 17                                  | 2  | 4                                   | -           | -        | -              | 4           | -               | -       | -                              | -                            | -         | 2         | 3              | 9                                 |
| Kensington Town Ww - - W.M.   | 120141                                       | 53                                  | 47                                  | 10   | 11                                  | -           | 1        | -              | 2           | 1               | -       | -                              | -                            | 1         | 1         | 2              | 21                                |
| Brompton HH - - W.M. & C.   | 48019  | 9                                   | 10                                  | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 2              | 4                                 |
| St. Peter Hammersmith - - W.M.  | 7899   | 3                                   | 1                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| St. Paul Hammersmith H W.M. & G.J.  | 64340  | 43                                  | 84                                  | 10   | 7                                   | -           | 3        | -              | 2           | -               | -       | -                              | -                            | 2         | 2         | 4              | 3                                 |
| Fulham Ww - - W.M. & C.   | 42900  | 57                                  | 26                                  | 10   | 3                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | 3         | 2         | 4              | 8                                 |
| Chelsea South HHH - - C.  | 80396  | 9                                   | 12                                  | 4  | 3                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 3                                 |
| Chelsea North-west WHHHHH C.  | 24925  | 20                                  | 18                                  | 4  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 10                                |
| Chelsea North-east - - C.   | 32897  | 20                                  | 9                                   | 3  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 2         | -              | -                                 |
| May Fair WW - - G.J.  | 90353  | 9                                   | 8                                   | -  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 5                                 |
| Belgrave WHH - - C.   | 69220  | 15                                  | 18                                  | 3  | 4                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | 1         | -         | -              | 10                                |
| St. John Westminster HHH - C.   | 35496  | 15                                  | 5                                   | 3  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | -              | -                                 |
| St. Margaret Westminster H - C.   | 24679  | 5                                   | 4                                   | -  | 1                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -         | -         | -              | 3                                 |
| St. James Westminster WHH N.R. & G.J.                                       | 29941  | 10                                  | 5                                   | 1  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | -              | -                                 |
| St. Anne Soho HHHHHH - N.R.   | 16808  | 3                                   | 1                                   | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| NORTH DISTRICTS.  |  |                                     |                                     |  |                                     |             |          |                |             |                 |         |                                |                              |           |           |                |                                   |
| All Souls Marylebone HHHH - W.M.  | 26759  | 15                                  | 9                                   | 3  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 4                                 |
| Cavendish Square HHHH - W.M.  | 14391  | 8                                   | 6                                   | 3  | 1                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | -         | -         | -              | -                                 |
| Rectory Marylebone WH G.J. & W.M.   | 24806  | 16                                  | 4                                   | 1  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 2                                 |
| St. Mary Marylebone HHH G.J. & W.M.   | 21113  | 80                                  | 3                                   | 2  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| Christchurch Marylebone H - W.M.  | 37700  | 21                                  | 10                                  | 1  | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| St. John Marylebone H - W.M.  | 33633  | 12                                  | 6                                   | 1  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| Hampstead WwvHHHH N.R. & W.M.   | 45452  | 13                                  | 8                                   | -  | 2                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1              | -                                 |
| Regent's Park Pancras H - W.M.  | 39115  | 13                                  | 6                                   | 2  | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| Tottenham-court WHHHH N.R. & W.M.   | 27723  | 11                                  | 10                                  | 2  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 2         | 6              | -                                 |
| Gray's Inn Lane HHH - N.R.  | 32947  | 20                                  | 10                                  | 3  | 2                                   | -           | 1        | -              | -           | -               | 1       | -                              | -                            | 1         | 1         | 8              | -                                 |
| Somers Town H - - N.R.  | 34369  | 25                                  | 9                                   | 4  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| Camden Town WH - - N.R.   | 17311  | 15                                  | 9                                   | 3  | 2                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | 5              | -                                 |
| Kentish Town W - - N.R.   | 67437  | 54                                  | 27                                  | 8  | 2                                   | -           | 2        | 1              | -           | 1               | 1       | 1                              | -                            | 1         | 1         | 2              | 6                                 |
| Upper Holloway WwvH - N.R.  | 67948  | 50                                  | 31                                  | 6  | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2         | -         | 2              | 12                                |
| Islington South-west HH - N.R.  | 100976                                       | 62                                  | 22                                  | 8  | 7                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | 2              | -                                 |
| Islington South-east - - N.R.   | 61825  | 37                                  | 16                                  | 3  | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | -              | -                                 |
| Highbury H - - N.R.   | 52048  | 28                                  | 10                                  | 5  | 2                                   | -           | -        | 1              | 1           | -               | -       | -                              | -                            | 1         | -         | -              | -                                 |
| Stoke Newington H - - N.R.  | 22781  | 10                                  | 6                                   | 2  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1              | -                                 |
| Stamford Hill - - E.L.  | 9277   | 7                                   | 1                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| West Hackney H - - N.R.   | 37610  | 16                                  | 7                                   | 2  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | 1              | -                                 |
| Hackney WwvH - - E.L. & N.R.  | 76911  | 60                                  | 85                                  | 6  | 9                                   | -           | -        | 4              | -           | -               | -       | -                              | -                            | 1         | 1         | 1              | 10                                |
| South Hackney - - E.L.  | 39383  | 28                                  | 11                                  | 4  | -                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | 2         | -         | -              | -                                 |
| CENTRAL DISTRICTS.  |  |                                     |                                     |  |                                     |             |          |                |             |                 |         |                                |                              |           |           |                |                                   |
| St. George Bloomsbury - - N.R.  | 16681  | 9                                   | 3                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 3                                 |
| St. Giles South WH - - N.R.   | 14884  | 8                                   | 5                                   | -  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| St. Giles North - - N.R.  | 13837  | 4                                   | 1                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1              | -                                 |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17598  | 4                                   | 10                                  | 3  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 2         | 2              | 7                                 |
| St. Mary-le-Strand H - - N.R.   | 7515   | 5                                   | 1                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | -              | -                                 |
| St. Clement Danes H - - N.R.  | 8559   | 1                                   | -                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| Strand Union Workhouse, Edmonton w.   | -  | -                                   | 1                                   | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 1                                 |
| St. Geo-the-Martyr HHHHHH N.R.  | 18871  | 8                                   | 8                                   | 2  | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | 1         | 1              | 3                                 |
| St. Andrew Eastern W - - N.R.   | 10706  | -                                   | 4                                   | 2  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | 1                                 |
| Saffron Hill H - - N.R.   | 6583   | 5                                   | 1                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| St. James Clerkenwell - - N.R.  | 17516  | 4                                   | 2                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | -              | -                                 |
| Amwell Clerkenwell - - N.R.   | 19281  | 10                                  | 2                                   | 1  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | 1         | -              | -                                 |
| Pentonville - - N.R.  | 14773  | 13                                  | 4                                   | 2  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | -              | -                                 |
| Goswell-street - - N.R.   | 17593  | 9                                   | 2                                   | 2  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | -              | -                                 |
| Old-street H - - N.R.   | 11541  | 12                                  | 4                                   | 2  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | -              | -                                 |
| City-road HHL - - N.R.  | 18628  | 18                                  | 6                                   | 2  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | -              | 3                                 |
| Whitecross-street - - N.R.  | 9217   | 5                                   | 4                                   | 2  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 2              | -                                 |
| Finsbury - - N.R.   | 7463   | 2                                   | 1                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| Holborn Union Workhouse, Mitcham, w.  | -  | -                                   | -                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| St. Botolph H - - N.R. & E.L.   | 11174  | 4                                   | 3                                   | -  | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| Cripplegate - - N.R.  | 7193   | 3                                   | 1                                   | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| St. Sepulchre H - - N.R.  | 5389   | 2                                   | 10                                  | 1  | 1                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -         | 1         | 1              | 8                                 |
| St. Bride W - - N.R.  | 8396   | 2                                   | -                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| Allhallows Barking - - N.R.   | 13666  | 6                                   | 3                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |
| Broad Street H - - N.R.   | 5652   | 3                                   | -                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -              | -                                 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., the Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
on the 29th September, 1888.

| REGISTRATION                   |              | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Deaths during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |         |                                   |                              |            |           |  |                                |
|--------------------------------|--------------|--|-------------------------------------|-------------------------------------|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|------------|-----------|--|--------------------------------|
| SUB-DISTRICTS.                 |              |  |                                     |                                     | Deaths of                                 |                                    | Deaths from |          |                |             |                 |         |                                   |                              |            |           | Inquest Cases,<br>Deaths in<br>Prisons<br>and<br>Institutions. | Unofficial Causes<br>of Death. |
|                                |              |  |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 40<br>Years and over. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Dysentery. | Violence. |  |                                |
| EAST DISTRICTS.                |              |  |                                     |                                     |   |                                    |             |          |                |             |                 |         |                                   |                              |            |           |  |                                |
| Shoreditch                     | N.R. & E.L.  | 7376   | 1                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| Shoreditch H.L.                | N.R.         | 1467   | 10                                  | 7                                   | 23  | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 3  | -                              |
| New Town                       | N.R.         | 2367   | 23                                  | 11                                  | 5   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 3  | -                              |
| Old Town                       | N.R.         | 2636   | 28                                  | 10                                  | 4   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 3  | -                              |
| St. George's                   | N.R. & E.L.  | 46275  | 26                                  | 16                                  | 2   | 3                                  | -           | -        | 1              | 1           | -               | -       | -                                 | -                            | -          | 9         | -  | 1                              |
| St. George's North             | E.L.         | 25738  | 16                                  | 6                                   | 1   | 2                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| Bethnal Green                  | W.H.L.       | 47632  | 28                                  | 20                                  | 8   | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| Bethnal Green                  | E.L.         | 59881  | 18                                  | 10                                  | 2   | 3                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | 4  | 8                              |
| Bethnal Green                  | E.L.         | 19810  | 12                                  | 3                                   | 2   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1  | -                              |
| St. George's                   | E.L. & N.R.  | 25855  | 22                                  | 8                                   | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | 3  | -                              |
| New Town                       | E.L.         | 15478  | 23                                  | 12                                  | 4   | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 2  | 7                              |
| St. George's Church            | E.L. & N.R.  | 17490  | 8                                   | 23                                  | 4   | 1                                  | -           | -        | -              | -           | 1               | -       | -                                 | -                            | -          | 3         | 4  | 13                             |
| St. George's Fields            | E.L.         | 8713   | 2                                   | 4                                   | 2   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | N.R. & E.L.  | 6102   | 5                                   | 4                                   | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | 2  | -                              |
| St. George's North             | E.L.         | 38747  | 20                                  | 8                                   | 5   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 3         | 1  | 2                              |
| St. George's East              | E.L.         | 8410   | 12                                  | 8                                   | 1   | 4                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | E.L. & N.R.  | 14395  | 2                                   | 7                                   | 4   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 1         | -  | 7                              |
| St. George's                   | E.L.         | 16107  | 7                                   | 4                                   | 1   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | E.L.         | 32041  | 25                                  | 21                                  | 7   | 1                                  | -           | -        | 5              | -           | -               | -       | -                                 | -                            | -          | 1         | 1  | 2                              |
| St. George's Old Town West     | E.L.         | 37660  | 15                                  | 11                                  | 2   | 5                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's Old Town East     | W.H. & E.L.  | 67653  | 51                                  | 26                                  | 14  | 1                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -  | 1                              |
| St. George's                   | E.L.         | 37674  | 59                                  | 20                                  | 9   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 2         | -  | -                              |
| St. George's                   | E.L.         | 64859  | 51                                  | 37                                  | 14  | 2                                  | -           | -        | 3              | -           | -               | -       | -                                 | -                            | -          | 3         | 2  | 5                              |
| St. George's                   | E.L.         | 60077  | 33                                  | 17                                  | 6   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | 4         | 9  | 1                              |
| SOUTH DISTRICTS.               |              |  |                                     |                                     |   |                                    |             |          |                |             |                 |         |                                   |                              |            |           |  |                                |
| St. George's Southwark         | W.H. L. & S. | 16663  | 7                                   | 9                                   | 3   | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 1  | 2                              |
| St. George's Southwark         | S.           | 14999  | 7                                   | 10                                  | 2   | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | 2  | -                              |
| St. George's                   | S. & L.      | 21381  | 13                                  | 4                                   | 3   | 1                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S. & L.      | 15953  | 17                                  | 4                                   | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L. & S.      | 21318  | 11                                  | 10                                  | 2   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| Newington                      | S. & L.      | 26672  | 24                                  | 5                                   | 3   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's Walworth          | W. S. & L.   | 58555  | 56                                  | 17                                  | 7   | 4                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | 4                              |
| St. George's Newington         | L. & S.      | 51623  | 19                                  | 10                                  | 6   | 1                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | 2         | 1  | -                              |
| St. George's                   | S.           | 11056  | 2                                   | 12                                  | 3   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's Market            | S. & L.      | 16306  | 7                                   | 5                                   | 2   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | 8                              |
| St. George's                   | S.           | 16669  | 11                                  | 6                                   | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's Bermondsey        | S.           | 14683  | 25                                  | 12                                  | 4   | 5                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S. & K.      | 30294  | 35                                  | 19                                  | 10  | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L. & S.      | 16195  | 18                                  | 1                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L. & S.      | 16361  | 19                                  | 4                                   | 1   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L. & S.      | 10876  | 8                                   | 16                                  | 4   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L. & S.      | 39539  | 28                                  | 17                                  | 7   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S. & L.      | 45232  | 31                                  | 15                                  | 3   | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S. & L.      | 36332  | 24                                  | 6                                   | 1   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L. & S.      | 62837  | 50                                  | 16                                  | 6   | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L.           | 18017  | 7                                   | 9                                   | 2   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S.           | 54675  | 35                                  | 14                                  | 6   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S.           | 53687  | 40                                  | 21                                  | 7   | 5                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S.           | 26350  | 25                                  | 11                                  | 5   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S.           | 28004  | 31                                  | 12                                  | 5   | 1                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S.           | 13235  | 7                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L.           | 25563  | 18                                  | 10                                  | 3   | 4                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L. & S.      | 5590   | -                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S. & L.      | 20104  | 43                                  | 32                                  | 6   | 14                                 | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | S., L. & K.  | 71089  | 47                                  | 24                                  | 3   | 7                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L. & S.      | 60810  | 35                                  | 21                                  | 10  | 3                                  | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 76732  | 57                                  | 19                                  | 3   | 3                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 7901   | 5                                   | 4                                   | 2   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 21972  | 10                                  | 5                                   | 2   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 24608  | 29                                  | 14                                  | 2   | 4                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 2048   | 5                                   | 3                                   | -   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 21569  | 15                                  | 7                                   | 3   | 4                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 19865  | 14                                  | 15                                  | 2   | 7                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | L.           | 26076  | 12                                  | 7                                   | 8   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 10930  | 4                                   | 8                                   | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 17617  | 10                                  | 6                                   | 1   | 2                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 19043  | 15                                  | 9                                   | 2   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 14009  | 17                                  | 3                                   | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | K.           | 15241  | 22                                  | 6                                   | 1   | 1                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's Asylum Hospitals: |              |  |                                     |                                     |   |                                    |             |          |                |             |                 |         |                                   |                              |            |           |  |                                |
| St. George's                   | -            | -  | -                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | -            | -  | -                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |
| St. George's                   | -            | -  | -                                   | -                                   | -   | -                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -          | -         | -  | -                              |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the table by w:—

[illegible]

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum " " "  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Finsbury, Hampstead, Hack-  
ney, Erixton, and St. Paul, Deptford sub-districts, and in Dartford,  
Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA: POPULATION: BIRTHS and DEATHS registered during Week ending Saturday, 29th September, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |
|---|----------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|
|   |                                  |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |
|   |                                  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoes. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957   | 763     | 320     | 112                                       | 60                                  | -           | 3        | 6              | 7           | 3               | 4      | 14         | 7         | 14             | 24                                |
| 30: 1   | Carshalton <i>wL</i> -           | 12228  | 21113   | 11      | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710   | 7       | 4       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 1                                 |
| 37: 1   | Godstone (part of)* -            | 2754   | 1235  | 2       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 38: 1   | Croydon <i>WwHHL</i> -           | 20851  | 101241  | 49      | 33      | 6   | 9                                   | -           | -        | -              | 1           | -               | 1      | 3          | 1         | 1              | 5                                 |
| 2   | Mitcham <i>w†</i> -              | 11637  | 17982   | 13      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 39: 1   | Wimbledon <i>HHH</i> -           | 3320   | 15950   | 9       | 6       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |
| 2   | Kingston <i>WHH</i> -            | 8549   | 36354   | 25      | 8       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 2         | 2              | -                                 |
| 3   | Esher (part of)* -               | 6601   | 9221  | 4       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 4   | Hampton <i>H</i> -               | 4573   | 13539   | 6       | 5       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 40: 1   | Richmond <i>WH</i> -             | 2272   | 21302   | 11      | 8       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |
| 2   | Mortlake -                       | 2941   | 12331   | 10      | 6       | 4   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |
| 41: 1   | Bromley (pt. of)* <i>HH</i>      | 15669  | 31142   | 16      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 15844   | 7       | 6       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 42: 1   | Bexley <i>H</i> -                | 13437  | 24134   | 26      | 7       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Dartford ( <i>Ww</i> , pts. of)* | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 124: 1  | Sunbury <i>w</i> -               | 11055  | 11685   | 6       | 3       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Staines <i>W</i> -               | 13277  | 12089   | 5       | 3       | -   | 1                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |
| 125: 1  | Hillingdon <i>WHH</i> -          | 6029   | 10802   | 5       | 5       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 2   | Uxbridge -                       | 6178   | 3225  | 4       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Hayes <i>wHL</i> -               | 14587  | 11523   | 9       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 126: 1  | Isleworth <i>WHH</i> -           | 7003   | 22727   | 21      | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479   | 12      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649   | 18      | 10      | 2   | 5                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | 1              | 1                                 |
| 4   | Chiswick -                       | 1340   | 15975   | 11      | 5       | 3   | 1                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 5   | Acton <i>wH</i> -                | 6083   | 22376   | 18      | 4       | 3   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |
| 127: 1  | Harrow <i>H</i> -                | 18909  | 12796   | 8       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Edgware <i>H</i> -               | 6994   | 3749  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Willesden -                      | 4383   | 27453   | 34      | 9       | 6   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1              | -                                 |
| 4   | Hendon <i>W</i> -                | 8382   | 10484   | 7       | 8       | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 137: 1  | Bushey -                         | 9331   | 6621  | 3       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Watford ( <i>W</i> , pt. of)*    | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 138: 1  | South Mimms -                    | 15599  | 6391  | 2       | 4       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Barnet -                         | 5433   | 10092   | 14      | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Finchley <i>HL</i> -             | 4688   | 17615   | 15      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 135: 1  | Hatfield (part of)* -            | 3306   | 583   | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 129: 1  | Hornsey <i>H</i> -               | 3039   | 37078   | 30      | 9       | 4   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456   | 60      | 25      | 9   | 4                                   | -           | 1        | 1              | 1           | -               | 1      | 2          | 1         | 2              | -                                 |
| 3   | Edmonton <i>Ww†</i> -            | 7433   | 23463   | 15      | 9       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 2              | 2                                 |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104   | 22      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 5   | Waltham Abbey -                  | 11017  | 5363  | 6       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 6   | Cheshunt -                       | 8490   | 7735  | 9       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 186: 1  | Stratford -                      | 882  | 38603   | 24      | 14      | 9   | -                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -              | -                                 |
| 2   | West Ham <i>wowwH‡</i> -         | 7351   | 101053  | 106     | 43      | 24  | 3                                   | -           | 3        | -              | 1           | -               | 3      | -          | -         | -              | -                                 |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430   | 39      | 24      | 8   | 6                                   | -           | 1        | -              | 1           | -               | -      | -          | -         | 1              | 5                                 |
| 4   | Walthamstow <i>H</i> -           | 6580   | 28869   | 33      | 20      | 7   | 3                                   | -           | 1        | -              | 3           | 1               | -      | 1          | -         | -              | -                                 |
| 187: 1  | Chigwell (part of)* <i>H</i>     | 11761  | 9663  | 7       | 1       | -   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Epping ( <i>W</i> , pt. of)* -   | -  | -   | 4       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 189: 1  | Romford (part of)* <i>W</i>      | 6730   | 3411  | -       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -              | -                                 |
| 2   | Ilford -                         | 8493   | 7645  | 4       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 1                                 |
| 3   | Barking Town -                   | 4127   | 9203  | 12      | 5       | 3   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1285); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 29th September, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |                                   |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Deaths in Public<br>institutions. |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16                                |  |  |
| WATER LONDON              | 448,334  | 5,527,886                                      | 15.4  | 2.1                                   | 1634                             | 507                                       | 331  | -           | 33       | 28                | 34          | 16                  | 17     | 91         | 68        | 349                               |  |  |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 16.0  | 2.2                                   | 1314                             | 395                                       | 271  | -           | 30       | 22                | 27          | 13                  | 13     | 77         | 61        | 325                               |  |  |
| OUTER RING -              | 370,924  | 1,244,965                                      | 13.4  | 1.6                                   | 320                              | 112                                       | 60   | -           | 3        | 6                 | 7           | 3                   | 4      | 14         | 7         | 24                                |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,392 acres are tidal water and foreshore. This area is equal to 0.622 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                        | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of | DEATHS. Stillborn. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                     |
|--------------------------------|---------------------------------------|-----------------------------|----------------------|--------------------|------------------------------------|--|
| CALCUTTA -                     | 433,219                               | August 18                   | -                    | 183                | 22.0                               | Cholera 5; fevers 50.                              |
| BOMBAY -                       | 773,196                               | September 4                 | 320                  | 434                | 25.0                               | Cholera 14; fevers 122.                            |
| MADRAS -                       | 398,777                               | August 17                   | 315                  | 323                | 42.3                               | Cholera 39; fevers 69; diar. dis. 65.              |
| PARIS -                        | 2,260,945                             | September 22                | 1166                 | 838                | 19.3                               | Typd. fev. 13; sm.-pox 4; diph. and croup 12.      |
| BRUSSELS - (with 8 Faubourgs.) | 462,069                               | " 22                        | 247                  | 177                | 19.9                               | Measles 3; diarrhoeal diseases 42.                 |
| AMSTERDAM -                    | 390,016                               | " 22                        | 245                  | 157                | 20.9                               | Whooping-cough 5.                                  |
| ROTTERDAM -                    | 193,653                               | " 22                        | 119                  | 61                 | 16.3                               | Whooping-cough 4.                                  |
| THE HAGUE -                    | 149,477                               | " 22                        | 96                   | 66                 | 22.9                               | -  |
| COPENHAGEN -                   | 300,000                               | " 18                        | 222                  | 118                | 20.5                               | Diarrhoeal diseases 27; diphtheria 3.              |
| STOCKHOLM -                    | 221,549                               | " 15                        | 132                  | 67                 | 15.7                               | Diphtheria and croup 3.                            |
| CHRISTIANIA -                  | 135,610                               | " 22                        | 62                   | 47                 | 18.0                               | Diphtheria and croup 4; diarr. dis. 10.            |
| ST. PETERSBURG                 | 842,883                               | " 15                        | -                    | 417                | 25.8                               | Typd. fev. 8; diph. 12; measles 12.                |
| SWEDEN -                       | 1,438,606                             | " 8                         | 929                  | 637                | 23.1                               | Diphtheria 19; diarrhoeal diseases 198.            |
| HAMBURG (State)                | 550,694                               | " 15                        | 352                  | 224                | 21.2                               | Diphtheria and croup 10; diarr. dis. 30.           |
| DRESDEN -                      | 259,142                               | " 15                        | 156                  | 102                | 20.5                               | Diphtheria and croup 8.                            |
| BRESLAU -                      | 313,451                               | " 22                        | 226                  | 140                | 23.7                               | Diph. 9; diar. dis. 31.                            |
| MUNICH -                       | 275,000                               | " 15                        | 196                  | 148                | 28.0                               | Diarrhoeal diseases 48; scarlet fever 3.           |
| VIENNA -                       | 800,836                               | " 15                        | 457                  | 292                | 19.0                               | Sm.-pox 1; diphtheria 5; diarr. dis. 46.           |
| PRAGUE -                       | 295,857                               | " 15                        | -                    | 122                | 21.5                               | Small-pox 3; diph. 3.                              |
| BUDA-PESTH -                   | 442,787                               | " 15                        | 295                  | 242                | 28.4                               | Diphtheria 9; diarrhoeal diseases 66.              |
| TRIESTE -                      | 156,042                               | " 15                        | -                    | 71                 | 23.7                               | Small-pox 7; diph. and croup 3.                    |
| ROME -                         | 588,300                               | August 11                   | 262                  | 190                | 25.5                               | Typd. fev. 4; mal. fev. 10; diarr. dis. 32.        |
| TURIN (11 days)                | 294,826                               | " 31                        | 217                  | 182                | 20.5                               | Small-pox 1; diar. dis. 37.                        |
| VENICE -                       | 150,502                               | September 15                | 75                   | 54                 | 18.7                               | Diphtheria and croup 2.                            |
| CAIRO -                        | 374,888                               | " 6                         | 371                  | 357                | 49.7                               | Typd. fev. 13; sm.-pox 1; diarrhoeal diseases 162. |
| ALEXANDRIA -                   | 251,396                               | " 6                         | 172                  | 202                | 45.5                               | Typd. fev. 4; diar. dis. 51.                       |
| NEW YORK -                     | 1,493,000                             | " 8                         | -                    | 716                | 25.0                               | Scar. fev. 19; diph. 18; diarrhoeal dis. 128.      |
| BROOKLYN -                     | 774,870                               | " 8                         | -                    | 342                | 22.5                               | Diph. 5; typd. fever 6; diarr. dis. 61.            |
| PHILADELPHIA -                 | 1,016,753                             | " 8                         | -                    | 305                | 18.7                               | Diph. 7; typd. fev. 27.                            |
| BALTIMORE -                    | 431,879                               | " 8                         | -                    | 177                | 21.4                               | Typd. fev. 9; diph. 3.                             |





# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 40. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, OCTOBER 6. [Price 1½d.

General Register Office, Somerset House,  
8th October, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·2 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |              |              |            | TOWNS.             | Weeks ending |              |              |            |
|--------------|--------------|--------------|--------------|------------|--------------------|--------------|--------------|--------------|------------|
|              | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. |                    | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. |
| Birkenhead   | 18·8         | 19·8         | 16·2         | 24·0       | Liverpool -        | 19·9         | 18·4         | 19·7         | 19·7       |
| Birmingham   | 17·0         | 19·5         | 15·1         | 15·0       | London -           | 16·2         | 15·8         | 16·0         | 16·5       |
| Blackburn -  | 25·9         | 17·5         | 20·6         | 24·1       | Manchester -       | 25·7         | 27·6         | 28·4         | 29·8       |
| Bolton -     | 21·6         | 23·0         | 27·1         | 27·6       | Newcastle-on-Tyne* | 20·7         | 18·1         | 19·7         | 21·7       |
| Bradford*    | 14·5         | 20·2         | 16·4         | 18·6       | Norwich -          | 26·2         | 20·6         | 20·1         | 18·9       |
| Brighton     | 20·0         | 13·9         | 21·3         | 17·0       | Nottingham*        | 15·6         | 14·5         | 15·4         | 13·1       |
| Bristol -    | 14·3         | 11·1         | 15·2         | 14·1       | Oldham -           | 13·2         | 11·7         | 15·5         | 12·8       |
| Cardiff*     | 14·9         | 21·6         | 20·2         | 16·3       | Plymouth -         | 18·8         | 18·8         | 17·5         | 22·8       |
| Derby -      | 16·8         | 19·0         | 19·0         | 19·0       | Portsmouth -       | 15·0         | 22·8         | 27·7         | 20·9       |
| Halifax      | 18·9         | 15·0         | 14·3         | 21·5       | Preston -          | 25·8         | 27·8         | 32·3         | 23·7       |
| Huddersfield | 16·6         | 11·4         | 13·7         | 14·3       | Salford*           | 22·1         | 25·8         | 25·6         | 19·8       |
| Hull -       | 14·2         | 15·0         | 16·2         | 19·6       | Sheffield -        | 21·4         | 24·7         | 25·0         | 22·9       |
| Leeds        | 22·1         | 22·3         | 22·0         | 21·7       | Sunderland -       | 14·2         | 21·8         | 16·2         | 17·0       |
| Leicester*   | 13·9         | 22·8         | 19·6         | 18·1       | Wolverhampton -    | 13·4         | 14·7         | 19·8         | 13·4       |

The highest annual death-rates, measured by last week's mortality, were:—from *scarlet fever*, 1·8 in Bolton, and 3·5 in Blackburn; from *whooping-cough*, 1·1 in Norwich; from "*fever*," 1·2 in Salford, and 1·4 in Cardiff; and from *diarrhœa*, 3·2 in Leicester, 3·6 in Sheffield, 4·6 in Bolton, 4·9 in Portsmouth, 5·1 in Wolverhampton, and 6·1 in Preston. The death-rate from *measles* did not reach 1·0 per 1000 in any of the twenty-eight towns. The 47 deaths from *diphtheria* in these towns included 35 in London, 5 in Manchester, and 2 in Birmingham. *Small-pox* did not cause a single death in any of the twenty-eight great towns.

## LONDON.

In LONDON† 2413 BIRTHS and 1352 DEATHS were registered. Allowing for increase of population, the births were 300, and the deaths 106, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·8 and 16·0 in the two preceding weeks, further rose last week to 16·5. During the thirteen weeks of last quarter the death-rate averaged 16·2 per 1000, and was 3·4 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1352 deaths included 39 from measles, 24 from scarlet fever, 35 from diphtheria, 5 from whooping-cough, 1 from typhus, 8 from enteric fever, 72 from

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



diarrhœa and dysentery, and not one from small-pox, ill-defined forms of continued fever, or cholera; thus, 184 deaths were referred to these diseases, being 21 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 5; no small-pox patients were under treatment in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital, on Saturday last. The death of a child aged 17 months, in Newington, was attributed to "chicken-pox, bronchitis, and quinsy." The fatal cases of *measles*, which had been 32 and 30 in the two preceding weeks, rose last week to 39, and exceeded the corrected average by 20; 3 belonged to Fulham, 3 to Marylebone, 8 to Pancras, 3 to Islington, and 5 to Stepney sanitary areas. The 24 fatal cases of *scarlet fever* showed a further increase of 2 upon the numbers in the two preceding weeks, but were 27 below the corrected average; 3 belonged to Pancras, 2 to Islington, 5 to Bethnal Green, 2 to St. George Southwark, and 3 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 921 scarlet fever patients, against numbers increasing from 774 to 916 in the six preceding weeks; 92 cases were admitted during the week, against numbers increasing from 79 to 132 in the four previous weeks. The 35 fatal cases of *diphtheria* showed a further increase upon recent weekly numbers, were 15 above the corrected average, and exceeded the number returned in any week since February last; 5 belonged to Westminster, 3 to Kensington, 2 to Paddington, 2 to Hammersmith, 2 to Marylebone, 2 to Bethnal Green, and 2 to Newington sanitary areas. The 5 deaths from *whooping-cough* were considerably fewer than in any previous week of this year, and were 23 below the corrected average. The deaths attributed to *diarrhœa* and *dysentery*, which had declined in the six preceding weeks from 192 to 77, further declined last week to 72, but exceeded the corrected average by 20; 67 were of children under five years of age, including 52 of infants under one year of age, and 5 were of persons aged upwards of 60 years.

The deaths referred to *enteric fever*, which had been 11 and 13 in the two preceding weeks, declined last week to 8, and were 17 below the corrected average. The Metropolitan Asylum Hospitals contained 75 cases of enteric fever, and one of typhus, on Saturday last; 5 cases of enteric fever were admitted during the week, against 14 and 3 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the five preceding weeks from 130 to 213, further rose last week to 239, but were 11 below the corrected average.

Different forms of violence caused 51 deaths; 40 were the result of negligence or accident, among which were 18 from fractures and contusions, 5 from burns and scalds, 4 from drowning, 2 (of a house painter and of a barman) from lead-poisoning, and 8 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—3 by accidents from vehicles in street; 4 by fall down stairs; 4 by fall in street; 1 by fall from ladder; 1 by fall from scaffold; 1 by fall on steamship; 1 by fall from rigging; 1 by fall from steamer into barge; 1 by fall from swing boat; and 1 by fall, the nature of which was not stated. An inquest was held in each of these 18 cases. Eight cases of suicide were registered, the corrected average being 6.

#### GREATER LONDON.

In Greater London 3190 births and 1680 deaths were registered, corresponding to annual rates of 30·1 and 15·9 per 1000 of the estimated population. In the Outer Ring 23 deaths from diarrhœa, 7 from "fever," 7 from whooping-cough, 6 from diphtheria, and 6 from measles were registered. The deaths from diarrhœa included 5 in West Ham, 4 in Croydon, and 3 in Walthamstow sub-districts. The 20 deaths in Tottenham sub-district included 3 from "fever," and 3 from whooping-cough. Three fatal cases of measles occurred in Epsom, and 2 of diphtheria both in Godstone and in Walthamstow sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·44 ins.; the lowest reading was 29·09 ins. on Tuesday afternoon, and the highest 29·83 ins. at the end of the week. The mean temperature of the *air* was 42°·7, and no less than 11°·3 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week; the coldest day was Tuesday, when the mean was only 39°·8, and was 14°·6 below the average. The direction of the *wind* was variable, and the horizontal movement of the *air* averaged 10·4 miles per hour, which was 0·1 of a mile above the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week to the aggregate amount of 0·11 of an inch. The duration of registered bright sunshine in the week was 33·0 hours, against 39·1 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>the Week ending<br>6th Oct., 1888. |      |      | Registered during<br>the Week ending<br>6th Oct., 1888. |  |            | The DEATHS registered in the Week include |                   |             |                     |        |            |           |                  |           |                                   | TEMPERATURE OF THE AIR.          |                           |                  |                  |                  |                  |                  |                  |       |                | RAINFALL. |      | CITIES<br>AND<br>BOROUGHES. |
|-----------------------------|--|------|------|---|--|------------|---|-------------------|-------------|---------------------|--------|------------|-----------|------------------|-----------|-----------------------------------|----------------------------------|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------|----------------|-----------|------|-----------------------------|
|                             | 1.   | 2.   | 3.   | Deaths of   |  |            | Deaths from                               |                   |             |                     |        |            |           |                  | Inquests. | Deaths in Public<br>Institutions. | Unidentified<br>Causes of Death. | From All<br>Week's Deaths |                  |                  |                  | Mean.            |                  |                  |       | In Inches.     | In Cent.  |      |                             |
|                             |  |      |      | Infants under<br>1 Year of<br>Age.                      | Persons aged<br>60 Years<br>and upwards. | Small-pox. | Miscellaneous.                            | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | From<br>Cerebra. |           |                                   |                                  | From<br>Cerebra.          | From<br>Cerebra. | From<br>Cerebra. | From<br>Cerebra. | From<br>Cerebra. | From<br>Cerebra. | From<br>Cerebra. |       |                |           |      |                             |
| Cols.                       | 1.   | 2.   | 3.   | 4.  | 5.                                       | 6.         | 7.  | 8.                | 9.          | 10.                 | 11.    | 12.        | 13.       | 14.              | 15.       | 16.                               | 17.                              | 18.                       | 19.              | 20.              | 21.              | 22.              | 23.              | 24.              | Cols. | 23.            | 24.       |      |                             |
| 28 Towns* -                 | 9,398,273  | 5478 | 3286 | 1035  | 587                                      | -          | 55  | 49                | 47          | 28                  | 40     | 286        | 108       | 189              | 526       | 77                                | 18-2                             | 2-8                       | 62-8             | 25-6             | 41-8             | 5-44             | 0-42             | 1-07             | -     | 28 Towns.      | 0-42      | 1-07 |                             |
| LONDON*                     | 4,282,921  | 2413 | 1352 | 370   | 273                                      | -          | 39  | 24                | 35          | 5                   | 9      | 72         | 51        | 94               | 307       | 12                                | 16-5                             | 2-2                       | 57-0             | 29-7             | 42-7             | 5-94             | 0-11             | 0-28             | -     | LONDON.        | 0-11      | 0-28 |                             |
| BRIGHTON -                  | 119,983  | 56   | 39   | 13  | 4  | -          | -   | -                 | 1           | 1                   | 1      | 13         | 1         | 1                | 2         | 1                                 | 17-0                             | 3-0                       | 53-6             | 32-0             | 43-6             | 6-44             | 0-70             | 1-78             | -     | BRIGHTON.      | 0-70      | 1-78 |                             |
| PORTSMOUTH -                | 139,575  | 103  | 56   | 24  | 13                                       | -          | -   | -                 | 1           | 2                   | 1      | 5          | 1         | 2                | 6         | -                                 | 18-9                             | 4-5                       | -                | -                | -                | -                | -                | -                | -     | PORTSMOUTH.    | -         | -    |                             |
| NORWICH -                   | 93,675   | 48   | 34   | 15  | 7  | -          | -   | -                 | 1           | 2                   | 1      | 2          | 1         | 3                | -         | -                                 | 22-8                             | 2-0                       | 62-1             | 37-0             | 46-7             | 8-17             | 0-47             | 1-19             | -     | NORWICH.       | 0-47      | 1-19 |                             |
| PLYMOUTH -                  | 77,674   | 47   | 34   | 13  | 4  | -          | -   | -                 | 1           | 1                   | 1      | 1          | 1         | 1                | 4         | 8                                 | 14-1                             | 0-5                       | 56-0             | 31-6             | 43-2             | 6-22             | 0-24             | 0-61             | -     | PLYMOUTH.      | 0-24      | 0-61 |                             |
| BRISTOL -                   | 226,510  | 128  | 61   | 18  | 15                                       | -          | -   | -                 | 1           | 1                   | 1      | 8          | 1         | 1                | -         | -                                 | 13-4                             | 5-7                       | 62-8             | 28-9             | 41-5             | 5-28             | 0-23             | 0-58             | -     | BRISTOL.       | 0-23      | 0-58 |                             |
| WOLVERHAMPTON -             | 81,691   | 49   | 21   | 11  | 1  | -          | -   | -                 | -           | 1                   | -      | -          | -         | 1                | -         | -                                 | 13-4                             | 5-7                       | 62-8             | 28-9             | 41-5             | 5-28             | 0-23             | 0-58             | -     | WOLVERHAMPTON. | 0-23      | 0-58 |                             |
| BIRMINGHAM -                | 447,912  | 262  | 129  | 48  | 22                                       | -          | 1   | -                 | 2           | -                   | 1      | 20         | 4         | 8                | 26        | 5                                 | 15-0                             | 2-8                       | -                | -                | -                | -                | -                | -                | -     | BIRMINGHAM.    | -         | -    |                             |
| LEICESTER* -                | 146,790  | 93   | 51   | 20  | 5  | -          | -   | -                 | 1           | 1                   | -      | 9          | 1         | 5                | 6         | 3                                 | 18-1                             | 3-9                       | -                | -                | -                | -                | -                | -                | -     | LEICESTER.     | -         | -    |                             |
| NOTTINGHAM* -               | 230,921  | 126  | 58   | 16  | 16                                       | -          | 1   | -                 | 1           | 1                   | 1      | 4          | 1         | 1                | 2         | -                                 | 13-1                             | 1-4                       | 60-3             | 25-6             | 40-6             | 4-78             | 0-25             | 0-63             | -     | NOTTINGHAM.    | 0-25      | 0-63 |                             |
| PERRY -                     | 66,241   | 51   | 35   | 10  | 5  | -          | -   | -                 | 1           | 1                   | 1      | 2          | -         | 1                | 5         | 2                                 | 19-0                             | 2-2                       | -                | -                | -                | -                | -                | -                | -     | NOTTINGHAM.    | 0-25      | 0-63 |                             |
| BIRKENHEAD -                | 100,093  | 75   | 46   | 18  | 8  | -          | -   | 1                 | -           | -                   | -      | 1          | -         | 2                | 1         | 1                                 | 24-0                             | 1-0                       | -                | -                | -                | -                | -                | -                | -     | BIRKENHEAD.    | -         | -    |                             |
| LIVERPOOL -                 | 599,738  | 285  | 226  | 61  | 36                                       | -          | 2   | 1                 | 1           | 1                   | 3      | 21         | 10        | 12               | 37        | 10                                | 19-7                             | 2-5                       | 50-9             | 34-8             | 42-3             | 5-72             | 0-89             | 2-26             | -     | LIVERPOOL.     | 0-89      | 2-26 |                             |
| BOLTON -                    | 113,506  | 72   | 60   | 17  | 11                                       | -          | -   | 4                 | -           | -                   | 2      | 10         | 5         | 7                | 12        | 1                                 | 27-6                             | 7-4                       | -                | -                | -                | -                | -                | -                | -     | BOLTON.        | -         | -    |                             |
| MANCHESTER -                | 378,164  | 260  | 216  | 78  | 20                                       | -          | 5   | 2                 | 5           | 4                   | 5      | 20         | 3         | 9                | 33        | 9                                 | 29-8                             | 5-7                       | -                | -                | -                | -                | -                | -                | -     | MANCHESTER.    | -         | -    |                             |
| SALFORD* -                  | 226,336  | 117  | 86   | 25  | 13                                       | -          | 4   | 1                 | -           | 1                   | 5      | 10         | 1         | 2                | 13        | 4                                 | 19-8                             | 4-8                       | -                | -                | -                | -                | -                | -                | -     | SALFORD.       | -         | -    |                             |
| OLDHAM -                    | 133,220  | 88   | 34   | 10  | 6  | -          | -   | -                 | 1           | 1                   | 1      | 1          | -         | 4                | 2         | -                                 | 12-8                             | 0-8                       | -                | -                | -                | -                | -                | -                | -     | OLDHAM.        | -         | -    |                             |
| BLACKBURN -                 | 119,039  | 77   | 25   | 13  | 9  | -          | 1   | 8                 | -           | 1                   | 1      | 3          | 2         | 2                | 2         | -                                 | 24-1                             | 6-1                       | -                | -                | -                | -                | -                | -                | -     | BLACKBURN.     | -         | -    |                             |
| PRESTON -                   | 103,234  | 63   | 47   | 25  | 4  | -          | -   | -                 | 1           | 1                   | 1      | 12         | 2         | 2                | 2         | -                                 | 23-7                             | 6-6                       | -                | -                | -                | -                | -                | -                | -     | PRESTON.       | -         | -    |                             |
| HUDDERSFIELD -              | 91,419   | 64   | 25   | 3   | 12                                       | -          | 1   | -                 | -           | 1                   | -      | -          | -         | 2                | 2         | -                                 | 14-3                             | 1-1                       | -                | -                | -                | -                | -                | -                | -     | HUDDERSFIELD.  | -         | -    |                             |
| HALIFAX -                   | 80,133   | 40   | 33   | 8   | 10                                       | -          | -   | -                 | -           | 1                   | -      | 1          | -         | 3                | 1         | 3                                 | 21-5                             | 0-7                       | -                | -                | -                | -                | -                | -                | -     | HALIFAX.       | -         | -    |                             |
| BRADFORD* -                 | 223,721  | 104  | 82   | 31  | 13                                       | -          | -   | 1                 | -           | 1                   | 2      | 7          | 1         | 1                | 1         | 1                                 | 18-6                             | 2-5                       | 59-0             | 29-1             | 40-8             | 4-89             | 0-46             | 1-17             | -     | BRADFORD.      | 0-46      | 1-17 |                             |
| LEEDS -                     | 351,210  | 192  | 146  | 50  | 25                                       | -          | 1   | 2                 | -           | 3                   | -      | 17         | 9         | 14               | 14        | 3                                 | 21-7                             | 3-4                       | -                | -                | -                | -                | -                | -                | -     | LEEDS.         | -         | -    |                             |
| SHEFFIELD -                 | 321,711  | 208  | 141  | 59  | 14                                       | -          | -   | 3                 | 1           | 2                   | 1      | 22         | 2         | 4                | 7         | 10                                | 22-9                             | 4-7                       | -                | -                | -                | -                | -                | -                | -     | SHEFFIELD.     | -         | -    |                             |
| HULL -                      | 202,359  | 126  | 76   | 25  | 19                                       | -          | -   | -                 | -           | -                   | -      | 6          | 4         | 4                | 8         | 8                                 | 19-6                             | 1-8                       | 53-0             | 28-0             | 39-1             | 3-94             | 0-58             | 1-47             | -     | HULL.          | 0-58      | 1-47 |                             |
| SUNDERLAND -                | 131,919  | 93   | 43   | 13  | 10                                       | -          | -   | 1                 | 1           | 1                   | 1      | 1          | 1         | 3                | 7         | 1                                 | 17-0                             | 2-0                       | 53-0             | 30-0             | 40-8             | 4-89             | 0-30             | 0-76             | -     | SUNDERLAND.    | 0-30      | 0-76 |                             |
| NEWCASTLE* -                | 159,003  | 139  | 66   | 27  | 8  | -          | -   | 1                 | -           | 1                   | -      | 7          | 2         | 3                | 6         | 1                                 | 21-7                             | 3-0                       | 52-0             | 30-0             | 38-6             | 3-67             | -                | -                | -     | NEWCASTLE.     | -         | -    |                             |
| CARDIFF* -                  | 108,570  | 99   | 34   | 14  | 4  | -          | -   | -                 | -           | -                   | 3      | 5          | 2         | 2                | 2         | -                                 | 16-3                             | 3-8                       | -                | -                | -                | -                | -                | -                | -     | CARDIFF.       | -         | -    |                             |
| EDINBURGH -                 | 262,733  | 154  | 76   | 23  | 20                                       | -          | -   | -                 | 3           | 1                   | -      | 4          | 3         | 3                | 12        | 12                                | 15-1                             | 1-6                       | 54-0             | 31-5             | 42-5             | 5-83             | 0-27             | 0-69             | -     | EDINBURGH.     | 0-27      | 0-69 |                             |
| GLASGOW -                   | 536,083  | 350  | 181  | 50  | 36                                       | -          | 1   | 1                 | 1           | 3                   | 2      | 7          | 3         | 3                | 22        | 19                                | 18-0                             | 1-7                       | 54-1             | 33-3             | 42-2             | 5-67             | 0-11             | 0-28             | -     | GLASGOW.       | 0-11      | 0-28 |                             |
| DUBLIN -                    | 363,082  | 149  | 158  | 29  | 33                                       | -          | 2   | 2                 | -           | -                   | 7      | 19         | 3         | 3                | 45        | 20                                | 23-3                             | 5-5                       | 52-1             | 30-0             | 41-1             | 5-06             | 0-53             | 1-35             | -     | DUBLIN.        | 0-53      | 1-35 |                             |

\* See note on first page of this Return.



## Births and Deaths registered last Week.

TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTIETH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87,* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2429 | 2580 | 2261 | 2463 | 2467 | 2387 | 2610 | 2491 | 2538 | 2647 | 2712·9   | 2413 |
| Males . .           | 1246 | 1243 | 1125 | 1238 | 1265 | 1221 | 1311 | 1279 | 1304 | 1337 | 1376·1   | 1212 |
| Females .           | 1183 | 1337 | 1136 | 1230 | 1202 | 1166 | 1299 | 1212 | 1234 | 1260 | 1336·8   | 1201 |
| <b>TOTAL Deaths</b> | 1355 | 1318 | 1398 | 1362 | 1422 | 1252 | 1323 | 1309 | 1365 | 1265 | 1458·4   | 1352 |
| Males . .           | 740  | 708  | 742  | 679  | 736  | 637  | 705  | 655  | 741  | 688  | 766·7  | 701  |
| Females .           | 615  | 610  | 656  | 683  | 686  | 615  | 623  | 654  | 624  | 577  | 691·7  | 651  |

\* The numbers in this column are the average weekly numbers in the fortieth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | July<br>14. | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. |      |      |
|--|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|------------|------|------|
| TOTAL Births                             | -           | -           | 2520        | 2385       | 2353        | 2530        | 2228        | 2604        | 2401        | 2508         | 2475         | 2488         | 2463       | 2395 | 2413 |
| TOTAL Deaths                             | -           | -           | 1288        | 1297       | 1308        | 1309        | 1476        | 1330        | 1438        | 1342         | 1316         | 1330         | 1298       | 1314 | 1352 |
| 0-20                                     | -           | -           | 628         | 636        | 670         | 726         | 816         | 713         | 838         | 730          | 701          | 666          | 650        | 663  | 676  |
| 20-40                                    | -           | -           | 160         | 168        | 155         | 131         | 174         | 173         | 133         | 159          | 145          | 159          | 177        | 176  | 165  |
| 40-60                                    | -           | -           | 229         | 242        | 206         | 205         | 223         | 177         | 202         | 208          | 205          | 225          | 233        | 199  | 238  |
| 60-80                                    | -           | -           | 230         | 202        | 217         | 195         | 217         | 221         | 204         | 223          | 235          | 197          | 225        | 225  | 224  |
| at 80 years & upwds.                     | -           | -           | 41          | 49         | 60          | 52          | 41          | 50          | 39          | 41           | 42           | 45           | 41         | 46   | 49   |
| Deaths of children { Under 1 year        | -           | -           | 359         | 384        | 385         | 449         | 493         | 444         | 500         | 441          | 426          | 407          | 385        | 395  | 370  |
| { 1-5                                    | -           | -           | 182         | 177        | 186         | 200         | 233         | 187         | 260         | 219          | 202          | 195          | 184        | 185  | 208  |
| { 5-20                                   | -           | -           | 87          | 75         | 99          | 77          | 90          | 82          | 78          | 70           | 73           | 64           | 81         | 88   | 98   |
| Deaths from Small-pox                    | -           | -           | 1           | 1          | -           | -           | -           | -           | -           | -            | -            | -            | -          | -    | -    |
| " " Measles                              | -           | -           | 26          | 25         | 40          | 29          | 51          | 33          | 47          | 39           | 26           | 27           | 32         | 30   | 39   |
| " " Scarlet fever                        | -           | -           | 18          | 14         | 23          | 18          | 17          | 17          | 21          | 15           | 19           | 24           | 20         | 22   | 24   |
| " " Diphtheria                           | -           | -           | 24          | 15         | 21          | 19          | 25          | 13          | 17          | 23           | 18           | 18           | 24         | 27   | 35   |
| " " Whooping-cough                       | -           | -           | 32          | 33         | 30          | 25          | 27          | 20          | 28          | 24           | 32           | 31           | 22         | 13   | 5    |
| " " Typhus                               | -           | -           | -           | -          | -           | -           | 2           | -           | -           | -            | -            | -            | -          | -    | 1    |
| " " Enteric fever                        | -           | -           | 12          | 8          | 15          | 9           | 6           | 2           | 7           | 10           | 11           | 12           | 11         | 13   | 8    |
| " " SimpleCont'd fever                   | -           | -           | 1           | -          | 1           | -           | 1           | 1           | -           | 1            | 1            | 1            | -          | -    | -    |
| " " Diarrhœa and }<br>Dysentery          | -           | -           | 72          | 62         | 89          | 121         | 133         | 162         | 192         | 144          | 131          | 122          | 78         | 77   | 72   |
| " " Cholera                              | -           | -           | 3           | 2          | 4           | 4           | 5           | 4           | 7           | 2            | 3            | 1            | 4          | -    | -    |
| Deaths from the above-mentioned Diseases | -           | -           | 189         | 160        | 223         | 225         | 270         | 254         | 319         | 258          | 241          | 236          | 191        | 182  | 184  |
| " " Dis. of Respiratory System           | -           | -           | 164         | 166        | 160         | 167         | 183         | 167         | 172         | 130          | 148          | 184          | 179        | 213  | 239  |
| " " Phthisis                             | -           | -           | 114         | 141        | 117         | 123         | 131         | 134         | 108         | 125          | 122          | 132          | 146        | 117  | 150  |
| " " Dis. of Circulatory System           | -           | -           | 110         | 118        | 92          | 93          | 123         | 85          | 84          | 91           | 109          | 93           | 114        | 112  | 111  |
| Violent Deaths                           | -           | -           | 56          | 54         | 63          | 49          | 56          | 47          | 47          | 53           | 32           | 61           | 69         | 61   | 51   |
| Inquest Cases                            | -           | -           | 125         | 104        | 89          | 97          | 100         | 91          | 87          | 88           | 71           | 103          | 112        | 101  | 94   |
| Deaths in Public Institutions            | -           | -           | 300         | 314        | 305         | 260         | 341         | 296         | 303         | 292          | 296          | 312          | 293        | 325  | 307  |
| TEMPERATURE OF THE AIR                   | -           | -           | -           | -          | -           | -           | -           | -           | -           | -            | -            | -            | -          | -    | -    |
| Mean                                     | -           | -           | 55·8        | 59·4       | 60·3        | 56·9        | 63·9        | 56·4        | 60·0        | 56·6         | 57·1         | 54·5         | 57·2       | 55·8 | 42·7 |
| Mean of Highest readings                 | -           | -           | 64·7        | 68·6       | 69·9        | 67·5        | 75·2        | 67·1        | 70·2        | 66·4         | 65·9         | 66·3         | 65·2       | 65·2 | 52·6 |
| Mean of Lowest readings                  | -           | -           | 48·2        | 52·8       | 53·8        | 50·4        | 54·3        | 48·6        | 51·8        | 48·4         | 51·2         | 44·7         | 50·0       | 49·9 | 38·5 |
| Humidity of the Air                      | -           | -           | 77          | 88         | 81          | 87          | 75          | 77          | 82          | 81           | 83           | 83           | 81         | 90   | 82   |
| Rain-fall in inches                      | -           | -           | 0·44        | 1·61       | 1·11        | 4·29        | 0·11        | 0·00        | 0·81        | 1·22         | 0·16         | 0·06         | 0·00       | 0·51 | 0·11 |
| Registered Sunshine (in hours)           | -           | -           | 23·2        | 11·8       | 34·8        | 22·0        | 47·5        | 27·8        | 29·2        | 32·2         | 20·8         | 42·4         | 32·6       | 12·7 | 33·0 |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—E. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., L.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Martineau, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Meindonsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTIETH Week of the Year 1888.

| CAUSES OF DEATH.   | Corrected Averages for the 40th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 6th October 1888. |           |      |       |                  |                  |                  |                       | CAUSES OF DEATH.  | Corrected Averages for the 40th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 6th October 1888. |           |      |       |                  |                  |                  |                       |   |
|--|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|
|  |   | Deaths of Persons of the Ages                  |           |      |       |                  |                  |                  |                       |   |   | Deaths of Persons of the Ages                  |           |      |       |                  |                  |                  |                       |   |
|  |   | ALL AGES.                                      | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   | ALL AGES.                                      | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |
|  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |
| ALL CAUSES - -   | 1458.4  | 1352   | 370       | 209  | 98    | 165              | 233              | 224              | 49                    | Diseases of Organs of Special Sense † - -                   | 1.6   | -  | -         | -    | -     | -                | -                | -                | -                     | - |
| Small-pox { Vaccinated - - - - -<br>Unvaccinated - - - - -<br>No Statement - - - - - | 4.9   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - - - -                    | 104.5   | 111  | -         | 1    | 11    | 12               | 41               | 38               | -                     | 8 |
| Measles - - - - -  | 19.0  | 39   | 6         | 31   | 2     | -                | -                | -                | -                     | Croup - - - - -   | 13.7  | 7  | -         | 7    | -     | -                | -                | -                | -                     | - |
| Scarlet Fever - - - - -  | 50.7  | 24   | 1         | 15   | 7     | 1                | -                | -                | -                     | Bronchitis - - - - -  | 132.0   | 137  | 47        | 26   | 4     | 1                | 14               | 35               | -                     | 9 |
| Typhus - - - - -   | 1.3   | 1  | -         | 1    | -     | -                | -                | -                | -                     | Pneumonia - - - - -   | 71.3  | 68   | 18        | 21   | 3     | 12               | 10               | 6                | -                     | - |
| Relapsing Fever † - - - -  | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     | Pleurisy - - - - -  | 5.6   | 4  | -         | -    | -     | 1                | 1                | 2                | -                     | - |
| Influenza - - - - -  | 0.1   | -  | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - -                  | 28.1  | 23   | 4         | 7    | -     | 1                | 4                | 7                | -                     | - |
| Whooping-cough - - - - -   | 27.8  | 5  | 1         | 4    | -     | -                | -                | -                | -                     | Dentition † - - - - -                                       | 12.2  | 6  | 4         | 2    | -     | -                | -                | -                | -                     | - |
| Diphtheria - - - - -   | 20.1  | 35   | 1         | 16   | 17    | 1                | -                | -                | -                     | Quinsy, Sore Throat † -                                     | 1.3   | 3  | 1         | 1    | -     | -                | -                | -                | -                     | - |
| Simple Continued and Inter-mittent Fever - - -                                       | 2.6   | -  | -         | -    | -     | -                | -                | -                | -                     | Enteritis - - - - -   | 8.5   | 9  | 4         | -    | -     | 2                | -                | 3                | -                     | - |
| Enteric Fever - - - - -  | 25.3  | 8  | -         | -    | 6     | 1                | 1                | -                | -                     | Peritonitis - - - - -                                       | 4.3   | 11   | 2         | -    | -     | 4                | 3                | 2                | -                     | - |
| Cholera - - - - -  | 1.3   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Liver - - -                                     | 35.8  | 28   | 3         | -    | -     | 2                | 13               | 10               | -                     | - |
| Narrhusa, Dysentery - - -  | 52.4  | 72   | 52        | 15   | -     | -                | -                | 1                | 4                     | Other Diseases of Digestive System - -                      | 80.0  | 25   | 9         | 1    | 1     | 3                | 6                | 4                | 1                     | - |
| Tembilent Fever † - - - -  | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - - - | 1.2   | 3  | -         | 1    | 1     | 1                | -                | -                | -                     | - |
| Hydrophobia - - - - -  | 0.2   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System - - - - -                        | 86.0  | 37   | -         | 2    | 1     | 5                | 14               | 14               | -                     | 1 |
| Randers - - - - -  | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - - - -                     | 5.5   | 6  | -         | -    | -     | 3                | 3                | -                | -                     | - |
| Scowpox and Effects of Vaccination † - - - - -                                       | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth - -                                 | 5.1   | 2  | -         | -    | -     | 1                | 1                | -                | -                     | - |
| General Affections - - - -   | 9.1   | 11   | 8         | -    | -     | 2                | -                | 1                | -                     | Diseases of Locomotive System † - - - - -                   | 6.5   | 9  | 1         | 2    | 4     | -                | 1                | 1                | -                     | - |
| Erysipelas - - - - -   | 5.9   | 1  | -         | -    | -     | -                | -                | 1                | -                     | Diseases of Integumentary System - - -                      | 6.8   | 4  | 1         | 1    | -     | 1                | 1                | -                | -                     | - |
| Septicæmia and Septicæmia †  | 2.3   | 4  | -         | 1    | -     | 2                | 1                | -                | -                     | VIOLENT DEATHS. ‡   |   |  |           |      |       |                  |                  |                  |                       |   |
| Acute Pericarditis - - - - -   | 4.7   | 2  | -         | -    | -     | 2                | -                | -                | -                     | ACCIDENT.)  |   |  |           |      |       |                  |                  |                  |                       |   |
| Other Zymotic Diseases †   | 2.5   | 2  | -         | 2    | -     | -                | -                | -                | -                     | Fracture and Contusion - -                                  | 23.5  | 18   | -         | 2    | 4     | 2                | 7                | 3                | -                     | - |
| Thrush - - - - -   | 3.8   | 3  | 3         | -    | -     | -                | -                | -                | -                     | Gunshot Wound - - - - -                                     | 0.1   | -  | -         | -    | -     | -                | -                | -                | -                     | - |
| Verms and other Parasitical Diseases - - - - -                                       | 0.0   | -  | -         | -    | -     | -                | -                | -                | -                     | Cut, Stab - - - - -   | 0.5   | -  | -         | -    | -     | -                | -                | -                | -                     | - |
| Starvation, Want of Breast-milk † - - - - -  | 2.6   | 2  | 2         | -    | -     | -                | -                | -                | -                     | Burn and Scald - - - - -                                    | 3.5   | 5  | -         | 2    | 2     | -                | 1                | -                | -                     | - |
| Alcoholism - - - - -   | 4.0   | 3  | -         | -    | -     | 2                | 1                | -                | -                     | Poison - - - - -  | 1.6   | 2  | -         | -    | -     | 1                | 1                | -                | -                     | - |
| Rheumatic Fever, Rheumatism of Heart †   | 8.5   | 7  | -         | -    | 1     | 3                | 1                | 2                | -                     | Drowning - - - - -  | 57.4  | 8  | 8         | -    | 3     | -                | 1                | -                | -                     | - |
| Rheumatism † - - - - -   | 3.3   | 2  | -         | -    | -     | -                | 2                | -                | -                     | Suffocation - - - - -                                       | 3.0   | 3  | 3         | -    | -     | -                | 1                | -                | -                     | - |
| Scout - - - - -  | 2.3   | -  | -         | -    | -     | -                | -                | -                | -                     | Otherwise - - - - -   | 2.4   | 3  | 2         | -    | -     | -                | -                | -                | -                     | - |
| ickets † - - - - -   | 2.1   | 4  | 1         | 3    | -     | -                | -                | -                | -                     | (HOMICIDE.)   |   |  |           |      |       |                  |                  |                  |                       |   |
| Cancer - - - - -   | 54.1  | 44   | -         | -    | 1     | 6                | 24               | 12               | 1                     | Murder & Manslaughter - -                                   | 1.4   | 3  | 1         | -    | -     | 2                | -                | -                | -                     | - |
| Ches Mesenterica - - - - -   | 33.1  | 31   | 23        | 9    | 1     | 1                | -                | -                | -                     | (SUICIDE.)  |   |  |           |      |       |                  |                  |                  |                       |   |
| ubercular Meningitis - - -   | 24.4  | 23   | 7         | 11   | 4     | 1                | -                | -                | -                     | Gunshot Wound - - - - -                                     | 0.7   | -  | -         | -    | -     | -                | -                | -                | -                     | - |
| lithiasis - - - - -  | 163.0   | 150  | 5         | 4    | 18    | 73               | 47               | 5                | -                     | Cut, Stab - - - - -   | 1.1   | 4  | -         | -    | -     | 4                | -                | -                | -                     | - |
| rofula, Tuberculosis - - -   | 18.6  | 13   | 5         | 4    | 2     | 1                | -                | 1                | -                     | Poison - - - - -  | 1.2   | 1  | -         | -    | -     | -                | 1                | -                | -                     | - |
| ther Constitutional Diseases †   | 10.4  | 7  | -         | 1    | -     | 2                | 2                | 2                | -                     | Drowning - - - - -  | 1.2   | 2  | -         | -    | -     | -                | -                | 1                | 1                     | - |
| remature Birth - - - - -   | 32.6  | 39   | 39        | -    | -     | -                | -                | -                | -                     | Hanging - - - - -   | 1.0   | 1  | -         | -    | -     | -                | -                | -                | -                     | - |
| telecæcia † - - - - -  | 3.7   | 4  | 4         | -    | -     | -                | -                | -                | -                     | (EXECUTION.)  |   |  |           |      |       |                  |                  |                  |                       |   |
| onocentral Malformations -   | 7.0   | 6  | 5         | -    | 1     | -                | -                | -                | -                     | Hanging - - - - -   | 0.1   | -  | -         | -    | -     | -                | -                | -                | -                     | - |
| ld Age - - - - -   | 45.1  | 38   | -         | -    | -     | -                | 21               | 15               | -                     | OTHER CAUSES † - - -  | 69.9  | 67   | 61        | 2    | -     | -                | 1                | 2                | 1                     | - |
| oplexy - - - - -   | 42.3  | 49   | -         | 1    | -     | 5                | 17               | 23               | 3                     |   |   |  |           |      |       |                  |                  |                  |                       |   |
| pilepsy - - - - -  | 7.3   | 5  | -         | -    | 3     | 1                | 1                | -                | -                     |   |   |  |           |      |       |                  |                  |                  |                       |   |
| aralusions - - - - -   | 43.1  | 40   | 37        | 3    | -     | -                | -                | -                | -                     |   |   |  |           |      |       |                  |                  |                  |                       |   |
| ther Diseases of Brain and Nervous System †  | 72.1  | 66   | 6         | 9    | 2     | 7                | 13               | 23               | 6                     |   |   |  |           |      |       |                  |                  |                  |                       |   |

Note.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospital, outside Registration (see Table 5).

\* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.04 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When a medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical attendant, the case is returned under the heading "no statement."

The evidence as to inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHTERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (or TYPHOID) FEVER, SIMILE CONTINUED FEVER, DIARRHOEA, VIOLENCE, INQUEST CASES, and Deaths in Public Institutions, during the Week ending

| The DEATHS registered in the Week include                                   |   |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |     |                |                                   |
|---|---|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----|-----|----------------|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |    |     | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |   |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |    |     |                |                                   |
| LONDON . . . . .  | 3,815,704   | 2413                                | 1352                                | 370                             | 273                                 | -           | 39       | 24             | 35          | 5               | 1       | 8                              | -                            | 72         | 51        | 94 | 307 |                |                                   |
| WEST DISTRICTS . . . . .  | 669,633   | 353                                 | 237                                 | 46                              | 49                                  | -           | 6        | -              | 14          | -               | -       | 3                              | -                            | 8          | 6         | 13 | 73  |                |                                   |
| NORTH DISTRICTS . . . . .   | 905,947   | 553                                 | 287                                 | 71                              | 49                                  | -           | 15       | 6              | 5           | 2               | -       | -                              | -                            | 13         | 7         | 18 | 57  |                |                                   |
| CENTRAL DISTRICTS . . . . .   | 282,238   | 100                                 | 101                                 | 27                              | 18                                  | -           | -        | 1              | 4           | -               | -       | 1                              | -                            | -          | -         | 4  | 31  |                |                                   |
| EAST DISTRICTS . . . . .  | 692,733   | 481                                 | 282                                 | 90                              | 60                                  | -           | 14       | 6              | 6           | -               | -       | -                              | -                            | 29         | 12        | 19 | 78  |                |                                   |
| SOUTH DISTRICTS . . . . .   | 1,265,143   | 861                                 | 465                                 | 138                             | 99                                  | -           | 4        | 11             | 6           | 3               | 1       | 4                              | -                            | 27         | 18        | 30 | 69  |                |                                   |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -   | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| WEST DISTRICTS.   |   |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |     |                |                                   |
| St. Mary Paddington WHH G.J. & W.M.   | 69888   | 50                                  | 30                                  | 5                               | 9                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | 1          | -         | -  | 7   |                |                                   |
| St. John Paddington H - - G.J.  | 37380   | 9                                   | 10                                  | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | 2                              | -                            | -          | -         | -  | 5   |                |                                   |
| Kensington Town W <sup>no</sup> - - W.M.                                    | 120141  | 53                                  | 42                                  | 6                               | 10                                  | -           | 1        | -              | 4           | -               | -       | -                              | -                            | -          | -         | 1  | 13  |                |                                   |
| Brompton HH - - W.M. & C.   | 43010   | 11                                  | 13                                  | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 4   |                |                                   |
| St. Peter Hammersmith - - W.M.  | 7599  | 2                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| St. Paul Hammersmith H W.M. & G.J.  | 64340   | 43                                  | 26                                  | 7                               | 6                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | 1          | 1         | 3  | 2   |                |                                   |
| Fulham W <sup>no</sup> - - W.M. & C.  | 42900   | 59                                  | 23                                  | 7                               | 6                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3  | 4   |                |                                   |
| Chelsea South HHH - - C.  | 30386   | 19                                  | 7                                   | 2                               | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1  | 1   |                |                                   |
| Chelsea North-west WHHHHH C.  | 24925   | 13                                  | 15                                  | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1  | 7   |                |                                   |
| Chelsea North-east - - C.   | 32807   | 26                                  | 6                                   | 3                               | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| May Fair WW - - G.J.  | 30353   | 8                                   | 14                                  | 1                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 11  |                |                                   |
| Belgrave WHHH - - C.  | 59220   | 16                                  | 21                                  | 3                               | 3                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | 1          | -         | -  | 9   |                |                                   |
| St. John Westminster HHH - C.   | 35496   | 18                                  | 7                                   | 1                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | 1   |                |                                   |
| St. John Westminster H - C.   | 24679   | 9                                   | 11                                  | 1                               | -                                   | -           | -        | -              | 3           | -               | -       | -                              | -                            | 2          | 2         | 8  | -   |                |                                   |
| St. Margaret Westminster H - C.   | 24679   | 9                                   | 11                                  | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| St. James Westminster WHH N.R. & G.J.                                       | 29941   | 6                                   | 9                                   | 3                               | -                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | 2  | 1   |                |                                   |
| St. Anne Soho HHHHHH - N.R.   | 16808   | 6                                   | 3                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -  | -   |                |                                   |
| NORTH DISTRICTS.  |   |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |     |                |                                   |
| All Souls Marylebone HHHH - W.M.  | 26759   | 10                                  | 9                                   | 1                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1  | 7   |                |                                   |
| Cavendish Square HHHH - W.M.  | 14391   | 5                                   | 3                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 4   |                |                                   |
| Rectory Marylebone WH G.J. & W.M.   | 24890   | 16                                  | 7                                   | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 1   |                |                                   |
| St. Mary Marylebone HHH G.J. & W.M.   | 31118   | 23                                  | 3                                   | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 1   |                |                                   |
| Christchurch Marylebone H - W.M.  | 33700   | 17                                  | 11                                  | 1                               | 1                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 1   |                |                                   |
| St. John Marylebone H - W.M.  | 33633   | 19                                  | 11                                  | 4                               | 1                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | 3          | -         | -  | 1   |                |                                   |
| Hampstead W <sup>no</sup> HHHH N.R. & W.M.                                  | 45452   | 34                                  | 15                                  | 3                               | 2                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | 1         | 1  | 3   |                |                                   |
| Regent's Park Paneras H - W.M.  | 39115   | 19                                  | 4                                   | 2                               | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Tottenham-court WHHHH N.R. & W.M.   | 27729   | 9                                   | 9                                   | 3                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 7   |                |                                   |
| Gray's Inn Lane HHH - N.R.  | 30247   | 13                                  | 10                                  | 2                               | 2                                   | -           | 1        | 1              | -           | 1               | -       | -                              | -                            | -          | -         | 2  | 1   |                |                                   |
| Somers Town H - - N.R.  | 34369   | 25                                  | 10                                  | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 5   |                |                                   |
| Camden Town WH - - N.R.   | 17311   | 12                                  | 10                                  | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1  | 2   |                |                                   |
| Kentish Town W - - N.R.   | 87437   | 60                                  | 32                                  | 12                              | 6                                   | -           | 7        | -              | 1           | -               | -       | -                              | -                            | 2          | 2         | 3  | 2   |                |                                   |
| Upper Holloway WWWH - N.R.  | 67046   | 52                                  | 25                                  | 6                               | 7                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2  | 15  |                |                                   |
| Islington South-west HH - N.R.  | 100976  | 65                                  | 22                                  | 7                               | 3                                   | -           | 2        | 1              | -           | -               | -       | -                              | -                            | 2          | 2         | 3  | -   |                |                                   |
| Islington South-east - - N.R.   | 61825   | 32                                  | 20                                  | 8                               | 7                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Highbury H - - N.R.   | 52043   | 23                                  | 8                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Stoke Newington H - - N.R.  | 22781   | 11                                  | 5                                   | -                               | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Stamford Hill - - E.L.  | 9277  | 13                                  | 2                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| West Hackney H - - N.R.   | 87610   | 21                                  | 9                                   | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Hackney W <sup>no</sup> WH - - E.L. & N.R.                                  | 76911   | 50                                  | 30                                  | 9                               | 7                                   | -           | -        | 1              | 1           | -               | -       | -                              | -                            | -          | -         | 1  | 10  |                |                                   |
| South Hackney - - E.L.  | 39383   | 24                                  | 12                                  | 6                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | 1  | -   |                |                                   |
| CENTRAL DISTRICTS.  |   |                                     |                                     |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |     |                |                                   |
| St. George Bloomsbury - - N.R.  | 16881   | 5                                   | 5                                   | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -  | -   |                |                                   |
| St. Giles South WH - - N.R.   | 14364   | 11                                  | 8                                   | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2  | 3   |                |                                   |
| St. Giles North - - N.R.  | 13837   | 9                                   | 3                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508   | 3                                   | 10                                  | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3  | 5   |                |                                   |
| St. Mary-le-Strand H - - N.R.   | 7615  | -                                   | 1                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| St. Clement Danes H - - N.R.  | 8559  | 4                                   | 2                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Strand Union Workhouse, Edmonton w.   | -   | 1                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| St. Geo.-the-Martyr HHHHHH N.R.   | 18671   | 11                                  | 11                                  | 2                               | 2                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | 1          | -         | 1  | 5   |                |                                   |
| St. Andrew Eastern W - - N.R.   | 10706   | 4                                   | 8                                   | 4                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Saffron Hill H - - N.R.   | 6583  | 5                                   | 4                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| St. James Clerkenwell - - N.R.  | 17616   | 9                                   | 2                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Amwell Clerkenwell - - N.R.   | 19281   | 11                                  | 6                                   | 1                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Pentonville - - N.R.  | 14773   | 13                                  | 3                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1  | -   |                |                                   |
| Goosewell-street - - N.R.   | 17506   | 10                                  | 4                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Old-street H - - N.R.   | 11541   | 10                                  | 3                                   | 3                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| City-road HHL - - N.R.  | 18628   | 30                                  | 6                                   | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1  | 2   |                |                                   |
| Whitecross-street - - N.R.  | 9217  | 9                                   | 2                                   | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Finsbury - - N.R.   | 7463  | 3                                   | 2                                   | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Holborn Union Workhouse, Mitcham, w.  | -   | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| St. Botolph H - - N.R. & E.L.   | 11174   | 8                                   | 5                                   | 3                               | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Cripplegate - - N.R.  | 7193  | 2                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| St. Sepulchre H - - N.R.  | 5363  | 1                                   | 15                                  | 1                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 3         | 3  | 15  |                |                                   |
| St. Bride W - - N.R.  | 8396  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |
| Allhallows Barking - - N.R.   | 13666   | 1                                   | 1                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -  | -   |                |                                   |
| Broad Street H - - N.R.   | 6662  | -                                   | -                                   | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -   |                |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., the Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London and K. the Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
 day, the 6th October, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |             | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total Births during the<br>Week. | Total Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                          |                         |            |           |              |                                   |                                 |   |
|--------------------------------|-------------|--|----------------------------------|----------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------|-------------------------|------------|-----------|--------------|-----------------------------------|---------------------------------|---|
|                                |             |  |                                  |                                  | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                          |                         |            |           |              |                                   |                                 |   |
|                                |             |  |                                  |                                  | Infants under 1<br>Year of Age.           | Persons aged 50<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (Typhoid) Fever. | Simple continued Fever. | Diarrhoea. | Violence. | Indigestion. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |   |
| EAST DISTRICTS.                |             |  |                                  |                                  |   |                                     |             |          |                |             |                 |         |                          |                         |            |           |              |                                   |                                 |   |
| Well Shoreditch                | N.R. & E.L. | 7376   | 4                                | 1                                | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| Leonard Shoreditch             | HL*         | 14667  | 12                               | 5                                | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 1          | -         | -            | -                                 | 3                               | - |
| on New Town                    | -           | 28937  | 20                               | 16                               | 5   | 4                                   | -           | 1        | -              | -           | -               | -       | -                        | -                       | 3          | 1         | 1            | 1                                 | 4                               | - |
| on Old Town                    | -           | 26636  | 19                               | 7                                | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| erston WH                      | N.R. & E.L. | 46275  | 35                               | 26                               | 8   | 4                                   | -           | -        | -              | 1           | -               | -       | -                        | -                       | 2          | 1         | 2            | 8                                 | -                               | - |
| ney-road H-                    | -           | 29788  | 23                               | 12                               | 6   | 2                                   | -           | 1        | 1              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| n, Bethnal Green               | WHL*        | 47932  | 25                               | 33                               | 10  | 5                                   | -           | -        | 2              | 1           | -               | -       | -                        | -                       | 4          | 1         | 2            | 1                                 | 11                              | - |
| ch, Bethnal Green              | -           | 29981  | 20                               | 12                               | 8   | 1                                   | -           | -        | 1              | -           | -               | -       | -                        | -                       | -          | -         | 1            | -                                 | -                               | - |
| n, Bethnal Green               | -           | 16810  | 15                               | 6                                | 2   | 1                                   | -           | -        | 1              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| Fields -                       | E.L. & N.R. | 22685  | 12                               | 9                                | 2   | 8                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | 1                                 | -                               | - |
| End New Town W                 | -           | 15473  | 16                               | 7                                | 4   | 1                                   | -           | 1        | -              | -           | -               | -       | -                        | -                       | -          | 1         | -            | 1                                 | 2                               | - |
| chapel Church H                | E.L. & N.R. | 17490  | 9                                | 18                               | 4   | 3                                   | -           | -        | -              | 2           | -               | -       | -                        | -                       | -          | 1         | 4            | 4                                 | 13                              | - |
| man's Fields -                 | -           | 9713   | 1                                | 1                                | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| ate -                          | N.R. & E.L. | 6102   | 1                                | 1                                | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| George's, North                | -           | 88747  | 32                               | 12                               | 6   | 3                                   | -           | 1        | -              | -           | -               | -       | -                        | -                       | 2          | -         | -            | -                                 | -                               | - |
| ohn, St. George East           | W           | 8410   | 5                                | 5                                | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | 4                                 | -                               | - |
| well HH                        | -           | 16985  | 6                                | 11                               | 6   | -                                   | -           | 1        | -              | 1           | -               | -       | -                        | -                       | 3          | 1         | 1            | 8                                 | -                               | - |
| ff -                           | -           | 16107  | 11                               | 6                                | 4   | 1                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| house -                        | -           | 32041  | 18                               | 8                                | 2   | 1                                   | -           | 4        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| End Old Town West              | -           | 37660  | 28                               | 8                                | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| End Old Town East              | WHL         | 67663  | 47                               | 26                               | 7   | 6                                   | -           | 2        | -              | -           | -               | -       | -                        | -                       | 1          | 2         | 8            | 8                                 | 3                               | - |
| 7 -                            | -           | 37074  | 24                               | 13                               | 4   | 3                                   | -           | 1        | 1              | -           | -               | -       | -                        | -                       | -          | -         | 1            | -                                 | -                               | - |
| ley WHH                        | -           | 64359  | 63                               | 20                               | 3   | 8                                   | -           | 1        | -              | -           | -               | -       | -                        | -                       | 1          | 1         | 1            | 14                                | -                               | - |
| r WHH                          | -           | 55077  | 35                               | 9                                | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | 1         | 1            | 1                                 | -                               | - |
| SOUTH DISTRICTS.               |             |  |                                  |                                  |   |                                     |             |          |                |             |                 |         |                          |                         |            |           |              |                                   |                                 |   |
| chchurch Southwark             | WH          | 13663  | 7                                | 6                                | 1   | 3                                   | -           | -        | -              | -           | 1               | -       | -                        | -                       | -          | -         | 1            | 1                                 | -                               | - |
| vious Southwark                | -           | 14989  | 6                                | 4                                | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | 1         | -            | -                                 | 1                               | - |
| gh-road                        | -           | 21881  | 13                               | 10                               | 4   | 1                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 2          | -         | -            | -                                 | -                               | - |
| gh-road WH                     | -           | 16063  | 11                               | 4                                | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | 2                                 | -                               | - |
| on-road HL                     | -           | 21318  | 10                               | 10                               | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| ry Newington                   | -           | 26672  | 19                               | 9                                | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | 1            | 1                                 | -                               | - |
| ter Walworth W                 | -           | 58555  | 37                               | 11                               | 5   | 2                                   | -           | -        | -              | 1           | -               | -       | -                        | -                       | 1          | 1         | 1            | -                                 | -                               | - |
| ary Newington                  | -           | 21623  | 14                               | 7                                | 2   | -                                   | -           | -        | -              | 1           | -               | -       | -                        | -                       | -          | -         | 1            | -                                 | -                               | - |
| ave WH                         | -           | 11856  | 9                                | 17                               | 3   | 1                                   | -           | -        | -              | 1           | -               | -       | -                        | -                       | -          | 4         | 5            | 11                                | -                               | - |
| er Market                      | -           | 16300  | 12                               | 3                                | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 1          | -         | -            | -                                 | -                               | - |
| ary Magdalen W                 | -           | 16699  | 16                               | 6                                | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 1          | -         | 1            | 1                                 | -                               | - |
| mes Bermondsey                 | -           | 54683  | 34                               | 15                               | 5   | 4                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 1          | 1         | -            | -                                 | 1                               | - |
| rhiths WH                      | -           | 36024  | 23                               | 8                                | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 2          | -         | -            | 1                                 | 1                               | - |
| loo-road 1st H                 | -           | 16195  | 5                                | 5                                | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| loo-road 2nd H                 | -           | 16351  | 5                                | 7                                | 3   | 2                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | 1         | -            | -                                 | -                               | - |
| eth Church 1st H               | -           | 18775  | 9                                | 15                               | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | 1         | 1            | 9                                 | -                               | - |
| eth Church 2nd WH              | -           | 39859  | 32                               | 15                               | 3   | 4                                   | -           | 1        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | 8                                 | -                               | - |
| ngton 1st                      | -           | 45233  | 26                               | 11                               | 5   | 1                                   | -           | -        | -              | -           | 1               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| ngton 2nd                      | -           | 35332  | 22                               | 9                                | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | 1                               | - |
| on w                           | -           | 62837  | 25                               | 10                               | 6   | 8                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 1          | -         | 1            | -                                 | -                               | - |
| od W                           | -           | 19017  | 11                               | 6                                | 1   | 2                                   | -           | -        | 1              | -           | -               | -       | -                        | -                       | -          | 1         | 1            | -                                 | -                               | - |
| Battersea                      | -           | 54675  | 45                               | 21                               | 9   | 4                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 1          | 2         | 3            | 8                                 | -                               | - |
| Battersea WH                   | -           | 51287  | 70                               | 23                               | 12  | 4                                   | -           | -        | 1              | -           | -               | -       | -                        | -                       | 1          | 1         | 2            | -                                 | -                               | - |
| m H                            | -           | 36300  | 12                               | 18                               | 6   | 3                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| sworth WH                      | -           | 28004  | 24                               | 13                               | 6   | 2                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| y -                            | -           | 18235  | 7                                | 2                                | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 1          | -         | -            | -                                 | -                               | - |
| am -                           | -           | 25563  | 20                               | 11                               | 5   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | 1         | -            | 1                                 | -                               | - |
| h -                            | -           | 5590   | 3                                | 1                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| rwel WH & L                    | -           | 59104  | 47                               | 13                               | 1   | 11                                  | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| am W                           | -           | 71069  | 38                               | 13                               | 8   | 4                                   | -           | -        | 1              | -           | -               | -       | -                        | -                       | -          | 1         | 1            | 8                                 | -                               | - |
| orge Camberwell                | -           | 50810  | 34                               | 21                               | 4   | 4                                   | -           | 2        | 2              | -           | -               | -       | -                        | -                       | 3          | -         | -            | -                                 | -                               | - |
| al Deptford w                  | -           | 76752  | 63                               | 36                               | 14  | 8                                   | -           | -        | 5              | 1           | -               | -       | 1                        | -                       | 4          | 1         | 1            | 7                                 | -                               | - |
| holas Deptford                 | -           | 7301   | 3                                | 3                                | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | 1            | 1                                 | -                               | - |
| wich West H                    | -           | 21972  | 18                               | 7                                | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | 1         | 1            | 1                                 | 1                               | - |
| wich East WHH                  | -           | 24608  | 37                               | 10                               | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 1          | 2         | 3            | 8                                 | -                               | - |
| H -                            | -           | 1048   | 3                                | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| Y -                            | -           | 21559  | 9                                | 2                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| am WH                          | -           | 19865  | 16                               | 7                                | 1   | 2                                   | -           | -        | 1              | -           | -               | -       | -                        | -                       | -          | -         | 1            | 3                                 | -                               | - |
| am H                           | -           | 26076  | 22                               | 6                                | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | 1          | -         | -            | -                                 | -                               | - |
| on H -                         | -           | 10930  | 5                                | 3                                | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| ch Dockyard                    | -           | 17617  | 10                               | 8                                | 3   | 1                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | 1         | -            | -                                 | -                               | - |
| ch Arsenal HH                  | -           | 19448  | 14                               | 2                                | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| ead, West H                    | -           | 14069  | 8                                | 6                                | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | 1            | -                                 | -                               | - |
| ead, East W                    | -           | 19241  | 21                               | 15                               | 3   | 3                                   | -           | -        | 1              | -           | -               | -       | -                        | -                       | 3          | -         | -            | 6                                 | 1                               | - |
| olitan Asylum Hospitals:       | -           | -  | -                                | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| rford w                        | -           | -  | -                                | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| chmore Hill w                  | -           | -  | -                                | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |
| istow w                        | -           | -  | -                                | -                                | -   | -                                   | -           | -        | -              | -           | -               | -       | -                        | -                       | -          | -         | -            | -                                 | -                               | - |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the

able by w:-  
 Telephone Infirmary in Kensington Town sub-district.  
 Royal London Sick Asylum in Tottenham Court-road sub-district.  
 Horn Infirmary in Upper Holloway sub-district.  
 London City Workhouse in Hackney sub-district.  
 Horn in Hoxton New Town sub-district.  
 Bethnal Green in Mile End Old Town Eastern sub-district.  
 Bethnal Green in Mile End Old Town Eastern sub-district.  
 London City in Mile End Old Town Eastern sub-district.  
 Bethnal Green in Mile End Old Town Eastern sub-district.

Stepney Workhouse in Bromley sub-district.  
 Poplar & Stepney Sick Asylum  
 Westminster Union Industrial School in West Battersea sub-district.  
 Strand and Holborn Workhouses outside Registration London.  
 Metropolitan Asylum District Hospitals in Fulham, Hammersmith, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 6th October, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.   | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |    |    |                |                                   |
|---|----------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----|----|----------------|-----------------------------------|
|   |                                  |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |    |    | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |                                  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |    |    |                |                                   |
| LONDON—OUTER RING   |                                  | 370,924  | 950,957   | 777     | 328     | 96  | 71                                  | -           | 6        | -              | 6           | 7               | 7      | 23         | 10        | 23 | 30 |                |                                   |
| 80:1  | Carshalton <i>wL</i> -           | 12228  | 21118   | 6       | 7       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Epsom (part of)* <i>WwH</i>      | 9971   | 10710   | 10      | 3       | 1   | -                                   | -           | 3        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 87:1  | Goldstone (part of) * -          | 2754   | 1235  | -       | 3       | -   | -                                   | -           | -        | -              | 2           | -               | -      | -          | -         | -  | -  |                |                                   |
| 88:1  | Croydon <i>WwHHL</i> -           | 20351  | 101241  | 60      | 33      | 7   | 6                                   | -           | -        | -              | -           | -               | -      | 4          | 2         | 4  | 6  |                |                                   |
| 2   | Mitcham <i>w†</i> -              | 11697  | 17982   | 18      | 7       | 3   | 1                                   | -           | -        | -              | 1           | -               | -      | 1          | 1         | 1  | -  |                |                                   |
| 89:1  | Wimbledon <i>HHH</i> -           | 3220   | 15950   | 16      | 5       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Kingston <i>WHH</i> -            | 3549   | 36354   | 17      | 10      | 2   | 4                                   | -           | -        | -              | -           | -               | -      | 2          | -         | 1  | 1  |                |                                   |
| 3   | Esher (part of) * -              | 6601   | 9231  | 8       | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  |                |                                   |
| 4   | Hampton <i>H</i> -               | 4573   | 13539   | 9       | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 40:1  | Richmond <i>WH</i> -             | 2272   | 21302   | 14      | 12      | 4   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 3  |                |                                   |
| 2   | Mortlake -                       | 2911   | 12331   | 7       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  |                |                                   |
| 41:1  | Bromley (pt. of) * <i>HH</i>     | 15689  | 31142   | 18      | 10      | 2   | 5                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 2   | Chislehurst (pt. of)* <i>WHH</i> | 14307  | 16844   | 18      | 8       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 2  |                |                                   |
| 42:1  | Bexley <i>H</i> -                | 13437  | 24134   | 10      | 10      | 3   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 2   | Dartford (Ww, pts. of)*          | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 124:1   | Sunbury <i>w</i> -               | 11055  | 11635   | 8       | 1       | -   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Staines <i>W</i> -               | 13277  | 12089   | 4       | 4       | -   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 125:1   | Hillingdon <i>WHH</i> -          | 6029   | 10902   | 8       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Uxbridge -                       | 6173   | 3225  | 3       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1  | -  |                |                                   |
| 3   | Hayes <i>wHL</i> -               | 14887  | 11523   | 6       | 4       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 2  |                |                                   |
| 126:1   | Isleworth <i>WHH</i> -           | 7003   | 22727   | 17      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Twickenham <i>H</i> -            | 2477   | 12479   | 5       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Brentford <i>HL</i> -            | 4345   | 27649   | 9       | 5       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 1  | -  |                |                                   |
| 4   | Chiswick -                       | 1340   | 15975   | 12      | 3       | 1   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 5   | Acton <i>wH</i> -                | 6082   | 23376   | 18      | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 2  | -  |                |                                   |
| 127:1   | Harrow <i>H</i> -                | 13809  | 12796   | 8       | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 1  |                |                                   |
| 2   | Edgware <i>H</i> -               | 6994   | 3749  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Willesden -                      | 4383   | 27453   | 36      | 8       | 5   | 1                                   | -           | -        | -              | 1           | 1               | -      | -          | -         | 1  | -  |                |                                   |
| 4   | Hendon <i>W</i> -                | 8382   | 10434   | 10      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 3  |                |                                   |
| 137:1   | Bushey -                         | 9331   | 6621  | 9       | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Watford (W, pt. of)*             | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 138:1   | South Mimms -                    | 15599  | 6391  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Barnet -                         | 5483   | 10092   | 9       | 6       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | 3  |                |                                   |
| 3   | Finchley <i>HL</i> -             | 4688   | 17615   | 15      | 7       | 2   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | 1         | 1  | -  |                |                                   |
| 135:1   | Hatfield (part of) * -           | 3306   | 538   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 129:1   | Hornsey <i>H</i> -               | 3039   | 37078   | 13      | 12      | 1   | 5                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Tottenham <i>H</i> -             | 4642   | 46456   | 46      | 20      | 4   | 3                                   | -           | -        | -              | -           | 3               | 3      | 1          | -         | 1  | -  |                |                                   |
| 3   | Edmonton <i>Ww†</i> -            | 7483   | 23463   | 20      | 6       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 1  | 2  |                |                                   |
| 4   | Enfield <i>WH</i> -              | 12653  | 19104   | 22      | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 5   | Waltham Abbey -                  | 11017  | 5263  | 6       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 6   | Cheshunt -                       | 8490   | 7735  | 6       | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 136:1   | Stratford -                      | 882  | 33606   | 33      | 8       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 2   | West Ham <i>wwwwH‡</i> -         | 7351   | 101053  | 130     | 54      | 27  | 3                                   | -           | 1        | -              | -           | -               | -      | 5          | 3         | 5  | -  |                |                                   |
| 3   | Leyton <i>WwL</i> -              | 4372   | 32430   | 40      | 13      | 6   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1  | 5  |                |                                   |
| 4   | Walthamstow <i>H</i> -           | 6530   | 28869   | 34      | 14      | 4   | 2                                   | -           | -        | -              | 2           | -               | -      | 3          | 1         | 1  | -  |                |                                   |
| 137:1   | Chigwell (part of) * <i>H</i>    | 11761  | 9639  | 10      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Epping (W, pt. of)*              | -  | -   | 5       | 4       | -   | 1                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -  | 2  |                |                                   |
| 139:1   | Romford (part of) * <i>W</i>     | 6730   | 3411  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Ilford -                         | 8493   | 7645  | 8       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Barking Town -                   | 4127   | 9203  | 6       | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30:2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 12955); 37:1, the parishes of Warlingham and Farley in Goldstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1963); 41:1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 131:1, the parish of Norwood in Hatfield sub-district; 187:1, Chiswell sub-district, except the parish of Theydon Bois (pop. 875); 189:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Hibernia Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plawton (see Table 5).

**TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 6th October, 1888.**

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |                                   |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. | Deaths in Public<br>Institutions. |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16                                |  |  |
| TER LONDON                | 448,334  | 5,527,886                                      | 15.9  | 2.2                                   | 1680                             | 466                                       | 344  | -           | 45       | 24                | 41          | 12                  | 16     | 95        | 61        | 337                               |  |  |
| TER LONDON -              | 77,410   | 4,282,921                                      | 16.5  | 2.2                                   | 1352                             | 370                                       | 273  | -           | 39       | 24                | 35          | 5                   | 9      | 72        | 51        | 307                               |  |  |
| TER RING -                | 370,924  | 1,244,965                                      | 13.7  | 2.1                                   | 328                              | 96  | 71   | -           | 6        | -                 | 6           | 7                   | 7      | 23        | 10        | 30                                |  |  |

—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 22 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

**TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.**

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending |    | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                                      |
|----------------------------------|---------------------------------------|-----------------------------|----|---------------------------------|---------|------------------------------------|---|
| CALCUTTA - -                     | 433,219                               | August                      | 25 | -                               | 165     | 19.8                               | Small-pox 1; cholera 12; fevers 44.                                 |
| BOMBAY - -                       | 773,196                               | September                   | 11 | 280                             | 449     | 25.9                               | Cholera 26; fevers 136.   |
| MADRAS - -                       | 398,777                               | August                      | 24 | 295                             | 330     | 43.0                               | Cholera 48; fevers 70; diarr. dis. 75.                              |
| PARIS - - -                      | 2,280,945                             | September                   | 29 | 1165                            | 873     | 20.1                               | Typh. & typh. dis. 10; diph. & croup 13; meas. 12; diarr. dis. 147. |
| BRUSSELS - - (with 8 Faubourgs.) | 462,069                               | "                           | 29 | 238                             | 174     | 19.6                               | Diarrhoeal diseases 23.   |
| AMSTERDAM -                      | 390,018                               | "                           | 29 | 262                             | 137     | 18.2                               | Whooping-cough 4; diphtheria 2.                                     |
| ROTTERDAM -                      | 193,658                               | "                           | 29 | 141                             | 61      | 16.3                               | Whooping-cough 2.   |
| THE HAGUE -                      | 149,477                               | "                           | 29 | 108                             | 64      | 23.3                               | Measles 1.  |
| COPENHAGEN -                     | 300,000                               | "                           | 25 | 193                             | 137     | 23.8                               | Diarrhoeal diseases 36.   |
| STOCKHOLM -                      | 221,549                               | "                           | 22 | 132                             | 59      | 13.8                               | Whooping-cough 2.   |
| CHRISTIANIA -                    | 185,600                               | "                           | 29 | 59                              | 42      | 16.1                               | Diphtheria and croup 5.   |
| ST. PETERSBURG                   | 842,883                               | "                           | 22 | -                               | 430     | 26.6                               | Typh. & typh. dis. 9; scar. fev. 8; diarr. dis. 81.                 |
| BERLIN - -                       | 1,438,006                             | "                           | 15 | 846                             | 508     | 21.7                               | Diphtheria 13; diarrhoeal diseases 182.                             |
| HAMBURG (State)                  | 550,694                               | "                           | 22 | 351                             | 222     | 21.2                               | Wh.-cough 6; diphtheria and croup 11.                               |
| DRESDEN - -                      | 259,142                               | "                           | 22 | 141                             | 93      | 18.7                               | Diphtheria and croup 5.   |
| BRISLAU - -                      | 313,451                               | "                           | 29 | 211                             | 162     | 27.5                               | Diphtheria 11; diarrhoeal diseases 27.                              |
| MUNICH - -                       | 275,000                               | "                           | 22 | 172                             | 164     | 31.0                               | Scarlet fever 3; diarrhoeal diseases 58.                            |
| VIENNA - -                       | 800,836                               | "                           | 22 | 489                             | 312     | 20.3                               | Diphtheria 4; diarrhoeal diseases 51.                               |
| PRAGUE - -                       | 295,857                               | "                           | 22 | -                               | 165     | 29.1                               | Small-pox 15; diph. 3.  |
| BUDA-PESTH -                     | 442,787                               | "                           | 22 | 318                             | 234     | 27.5                               | Diph. 6; diarr. dis. 38.  |
| TRIESTE - -                      | 156,042                               | "                           | 22 | -                               | 71      | 23.7                               | Small-pox 8; diphtheria and croup 5.                                |
| ROME - -                         | 388,300                               | August                      | 18 | 225                             | 182     | 24.5                               | Malarial fever 10; diphtheria 2; diarr. dis. 29.                    |
| TURIN (10 days)                  | 294,826                               | September                   | 10 | 265                             | 140     | 17.3                               | Diph. 4; diarr. dis. 27.  |
| VENICE - -                       | 150,502                               | "                           | 22 | 76                              | 51      | 17.7                               | Diarrhoeal dis. 13.   |
| CAIRO - -                        | 374,838                               | "                           | 13 | 401                             | 368     | 51.2                               | Meas. 7; typh. fever 11; diarrhoeal dis. 148.                       |
| ALEXANDRIA -                     | 231,396                               | "                           | 13 | 180                             | 200     | 45.1                               | Typh. fev. 4; diarr. dis. 75.                                       |
| NEW YORK -                       | 1,498,000                             | "                           | 15 | -                               | 736     | 25.7                               | Scar. fev. 17; typh. fev. 19; diarr. dis. 121.                      |
| BROOKLYN -                       | 774,870                               | "                           | 15 | -                               | 300     | 23.7                               | Diph. 8; typh. fev. 7; diarr. dis. 59.                              |
| PHILADELPHIA -                   | 1,016,753                             | "                           | 15 | -                               | 353     | 18.4                               | Typh. fev. 29; diph. 5.   |
| BALTIMORE -                      | 431,379                               | "                           | 15 | -                               | 152     | 18.4                               | Typhoid fever 7.  |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 6th OCTOBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

Under the Superintendence of the Meteorological Service.

| MONTH AND DAY. | Phases of the Moon. | TEMPERATURE.  |     |             |           | TEMPERATURE.  |           |                   |             | TEMPERATURE.                            |                    |                    |      | Wind as deduced from Anemometers. |        |                              |   | Rain collected in a Gauge whose receiving surface is above the Ground. |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                |                     | Baro-METER.   |     | Of the Air. |           | Difference between the Air Temperature and Dew Point Temperature. |           | Of Radiation.     |             | Of the Water in the Thames at Deptford. |                    | General Direction. |      | Oster's.                          |        | Pressure on the Square Foot. |   |  | Robinson's. |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                |                     | Mean daily reading (corrected to 32° Fahr- enheit). | in. | High- est.  | Low- est. | High- est.  | Low- est. | Mean daily value. | Great- est. | High- est in Sun's Rays.                | Low- est in Grass. | A.M.               | P.M. | Great- est.                       | Least. | Mean of 24 hourly obs.       | Horizontal Movement of the Air on each Day. |  |             | Depar- ture from the Average of 10 Years. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEPTEMBER.     |                     |   |     |             |           |   |           |                   |             |   |                    |                    |      |                                   |        |                              |   |  |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. a.m.; noon; 3h. p.m.; and 9h. p.m. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1893, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.39 in. at the beginning of the week to 29.68 in. by 8h. p.m. on the 30th of September; decreased to 29.09 in. p.m. on the 2nd of

# GENERAL REMARKS.

Fine. Partially cloudy till evening; cloudless at night.

Fine. The amount of cloud was small throughout. Slight hoar frost.

Foggy in morning; cloudy and showery till evening; cloudless at night, with hoar frost.

Hoar frost in morning; fine and partially cloudy till noon; overcast till night, then cloudless.

Fine in morning; generally cloudy afterwards. Showery at times.

Hoar frost in morning; cloudless till 10h. a.m.; partially cloudy with one or two light showers till evening; cloudless at night. A fine day.

Hoar frost and fog in morning; cloudy till evening; cloudless at night.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 41. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, OCTOBER 13. [Price 1½d.

*General Register Office, Somerset House,  
15th October, 1888.*

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·0 per 1000 of their aggregate population. The deaths registered in each of the last four weeks in the several towns corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |              |            |             | TOWNS.             | Weeks ending |              |            |             |
|--------------|--------------|--------------|------------|-------------|--------------------|--------------|--------------|------------|-------------|
|              | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. |                    | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. |
| Birkenhead   | 19·8         | 16·2         | 24·0       | 18·8        | Liverpool -        | 18·4         | 19·7         | 19·7       | 21·4        |
| Birmingham   | 19·5         | 15·1         | 15·0       | 17·2        | London -           | 15·8         | 16·0         | 16·5       | 18·7        |
| Blackburn -  | 17·5         | 20·6         | 24·1       | 22·4        | Manchester         | 27·6         | 28·4         | 29·8       | 35·7        |
| Bolton       | 23·0         | 27·1         | 27·6       | 28·0        | Newcastle-on-Tyne* | 18·1         | 19·7         | 21·7       | 24·0        |
| Bradford*    | 20·2         | 16·4         | 18·6       | 20·7        | Norwich -          | 20·6         | 20·1         | 18·9       | 19·5        |
| Brighton -   | 13·9         | 21·3         | 17·0       | 17·8        | Nottingham*        | 14·5         | 15·4         | 13·1       | 23·5        |
| Bristol -    | 11·1         | 15·2         | 14·1       | 16·8        | Oldham -           | 11·7         | 15·5         | 12·8       | 24·2        |
| Cardiff*     | 21·6         | 20·2         | 16·3       | 23·5        | Plymouth -         | 18·8         | 17·5         | 22·8       | 23·5        |
| Derby -      | 19·0         | 19·0         | 19·0       | 11·9        | Portsmouth         | 22·8         | 27·7         | 20·9       | 22·8        |
| Halifax -    | 15·0         | 14·3         | 21·5       | 20·2        | Preston -          | 27·8         | 32·3         | 23·7       | 27·3        |
| Huddersfield | 11·4         | 13·7         | 14·3       | 28·5        | Salford*           | 25·8         | 25·6         | 19·8       | 26·7        |
| Hull -       | 15·0         | 16·2         | 19·6       | 21·7        | Sheffield -        | 24·7         | 25·0         | 22·9       | 23·4        |
| Leeds -      | 22·3         | 22·0         | 21·7       | 24·1        | Sunderland         | 21·8         | 16·2         | 17·0       | 24·9        |
| Leicester*   | 22·8         | 19·6         | 18·1       | 21·0        | Wolverhampton -    | 14·7         | 19·8         | 13·4       | 18·5        |

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·1 in Huddersfield; from *scarlet fever*, 3·1 in Blackburn; from *whooping-cough*, 1·1 in Derby and in Manchester, 2·4 in Cardiff, and 2·9 in Huddersfield; from "*fever*," 1·2 in Salford; and from *diarrhœa*, 2·8 in Norwich, 3·2 in Wolverhampton, 3·4 in Portsmouth, and 3·5 in Preston. The 45 deaths from *diphtheria* in the twenty-eight towns included 26 in London, 5 in Manchester, and 3 in Newcastle-upon-Tyne. The only death from *small-pox* in the twenty-eight towns occurred in Hull.

## LONDON.

In LONDON† 2588 BIRTHS and 1536 DEATHS were registered. Allowing for increase of population, the births were 122 below, while the deaths exceeded by 13, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 15·8, 16·0, and 16·5 in the three preceding weeks, further rose last week to 18·7.

The 1536 deaths included 50 from measles, 30 from scarlet fever, 26 from diphtheria, 18 from whooping-cough, 13 from enteric fever, 1 from an un-defined form of continued fever, 43 from diarrhœa and dysentery, 2 from cholera, and not

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



one from small-pox or from typhus; thus, 183 deaths were referred to these diseases, being 25 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 5. The fatal cases of *measles*, which had been 30 and 39 in the two preceding weeks, further rose last week to 50, and exceeded the corrected average by 25; 7 belonged to Marylebone, 7 to Stepney, 6 to Pancras, and 6 to Poplar sanitary areas. The 30 deaths from *scarlet fever* also showed a further increase upon recent weekly numbers, but were 23 below the corrected average; 5 belonged to Bethnal Green, 3 to Pancras, 3 to Camberwell, 2 to Clerkenwell, 2 to Mile End Old Town, and 2 to St. George Southwark sanitary areas. The deaths from *diphtheria*, which had been 27 and 35 in the two previous weeks, declined again to 26 last week; 3 belonged to Paddington and 3 to Westminster sanitary areas. The 18 deaths from *whooping-cough* showed an increase of 13 upon the exceptionally low number in the previous week, but were 9 below the corrected average. The deaths referred to *enteric fever*, which had been 13 and 8 in the two previous weeks, rose again last week to 13, but were 12 below the corrected average; 2 belonged to Fulham, 2 to Islington, and 2 to Wandsworth sanitary areas. The deaths attributed to *diarrhæa* and *dysentery*, which had declined in the seven preceding weeks from 192 to 72, further fell last week to 43, and were 5 below the corrected average. The deaths of 2 infants were referred to "*cholera infantum*."

DEATHS BELONGING TO THE SEVERAL SANITARY AREAS OF REGISTRATION LONDON registered in the 13 WEEKS ENDING ON 29TH SEPTEMBER, 1888.

| SANITARY AREAS.            | Deaths. | Deaths from Principal Zymotic Diseases. |          |                |             |                 |         |                |                             |            |      | Deaths of Infants under 1 Year of Age. | Deaths under 1 Year to 1000 Births registered. |
|----------------------------|---------|---|----------|----------------|-------------|-----------------|---------|----------------|-----------------------------|------------|------|--|--|
|                            |         | Small-pox.                              | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric Fever. | Simple and Undefined Fever. | Diarrhoea. |      |  |  |
| REGISTRATION LONDON        | 16,979  | 2                                       | 428      | 238            | 271         | 318             | 2       | 121            | 9                           | 1487       | 5361 | 169                                    |  |
| WEST.                      |         |   |          |                |             |                 |         |                |                             |            |      |  |  |
| Paddington                 | 440     | -                                       | 23       | 1              | 13          | 13              | -       | 3              | -                           | 22         | 106  | 153                                    |  |
| Kensington                 | 609     | -                                       | 9        | 4              | 30          | 8               | -       | 3              | -                           | 35         | 141  | 157                                    |  |
| Hammer-smith               | 398     | -                                       | 18       | 1              | 5           | 4               | -       | 2              | -                           | 51         | 141  | 192                                    |  |
| Fulham                     | 328     | -                                       | 10       | 1              | 4           | 7               | -       | 1              | -                           | 59         | 147  | 208                                    |  |
| Chelsea                    | 367     | -                                       | 7        | 4              | 1           | 6               | -       | 1              | -                           | 41         | 122  | 180                                    |  |
| St. George Hanover Square  | 296     | -                                       | 1        | 2              | 7           | 1               | -       | -              | -                           | 14         | 54   | 143                                    |  |
| Westminster                | 224     | -                                       | 2        | 3              | 1           | 2               | -       | 1              | -                           | 15         | 71   | 186                                    |  |
| St. James Westminster      | 105     | -                                       | -        | 3              | 1           | 1               | -       | -              | -                           | 7          | 27   | 191                                    |  |
| NORTH.                     |         |   |          |                |             |                 |         |                |                             |            |      |  |  |
| Marylebone                 | 591     | -                                       | 26       | 4              | 6           | 10              | -       | 7              | -                           | 31         | 137  | 129                                    |  |
| Hampstead                  | 162     | -                                       | 15       | -              | 1           | 7               | -       | -              | -                           | 7          | 45   | 129                                    |  |
| Pancras                    | 1015    | 1                                       | 41       | 13             | 26          | 38              | -       | 12             | -                           | 65         | 336  | 184                                    |  |
| Islington                  | 1072    | -                                       | 17       | 16             | 11          | 18              | -       | 10             | -                           | 116        | 359  | 152                                    |  |
| Hackney                    | 788     | -                                       | 17       | 13             | 15          | 13              | -       | 7              | 2                           | 50         | 221  | 138                                    |  |
| CENTRAL.                   |         |   |          |                |             |                 |         |                |                             |            |      |  |  |
| St. Giles                  | 182     | -                                       | 4        | -              | 2           | 3               | -       | -              | -                           | 5          | 51   | 171                                    |  |
| St. Martin-in-the-Fields   | 73      | -                                       | 3        | 2              | -           | 1               | 1       | 1              | -                           | 4          | 18   | 200                                    |  |
| Strand                     | 108     | -                                       | 1        | 4              | -           | 6               | -       | -              | -                           | 5          | 27   | 166                                    |  |
| Holborn                    | 168     | -                                       | 3        | 2              | -           | 4               | -       | -              | -                           | 13         | 49   | 226                                    |  |
| Clerkenwell                | 374     | -                                       | 23       | 2              | 9           | 8               | -       | 3              | -                           | 55         | 143  | 260                                    |  |
| St. Luke's                 | 265     | -                                       | 3        | 6              | 1           | 2               | -       | 1              | -                           | 44         | 81   | 171                                    |  |
| London City                | 191     | -                                       | 1        | -              | 3           | -               | -       | 2              | 1                           | 5          | 33   | 176                                    |  |
| EAST.                      |         |   |          |                |             |                 |         |                |                             |            |      |  |  |
| Shoreditch                 | 613     | -                                       | 19       | 8              | 8           | 15              | -       | 6              | -                           | 74         | 222  | 207                                    |  |
| Bethnal Green              | 580     | -                                       | 11       | 35             | 10          | 10              | -       | 3              | -                           | 44         | 176  | 155                                    |  |
| Whitechapel                | 395     | -                                       | 6        | 4              | 5           | 1               | -       | 2              | -                           | 40         | 133  | 201                                    |  |
| St. George-in-the-East     | 331     | -                                       | 25       | 1              | 3           | 5               | -       | 1              | 1                           | 44         | 123  | 288                                    |  |
| Stepney                    | 377     | -                                       | 27       | 4              | 6           | 8               | -       | 3              | -                           | 81         | 131  | 270                                    |  |
| Mile End Old Town          | 458     | -                                       | 12       | 15             | 5           | 8               | -       | 5              | -                           | 32         | 155  | 162                                    |  |
| Poplar                     | 779     | -                                       | 45       | 23             | 7           | 12              | -       | 15             | -                           | 53         | 241  | 166                                    |  |
| SOUTH.                     |         |   |          |                |             |                 |         |                |                             |            |      |  |  |
| St. Saviour Southwark      | 169     | -                                       | 1        | 2              | 4           | 5               | -       | 1              | -                           | 17         | 62   | 267                                    |  |
| St. George Southwark       | 509     | -                                       | 1        | 3              | 7           | 15              | -       | 2              | -                           | 30         | 106  | 233                                    |  |
| Newington                  | 458     | -                                       | 3        | 6              | 2           | 7               | -       | 1              | -                           | 33         | 169  | 171                                    |  |
| St. Olave Southwark        | 53      | -                                       | -        | -              | 1           | -               | -       | -              | -                           | 2          | 16   | 165                                    |  |
| Bermondsey                 | 395     | -                                       | 4        | 3              | 4           | 5               | -       | 3              | -                           | 36         | 140  | 193                                    |  |
| Rotherhithe                | 211     | -                                       | 7        | 2              | -           | 4               | 1       | 1              | -                           | 25         | 75   | 217                                    |  |
| Lambeth                    | 1083    | -                                       | 3        | 17             | 22          | 26              | 1       | 8              | 1                           | 79         | 332  | 150                                    |  |
| Battersea                  | 606     | -                                       | 8        | 8              | 8           | 9               | -       | 2              | 1                           | 53         | 196  | 158                                    |  |
| Wandsworth                 | 480     | 1                                       | 17       | 4              | 11          | 12              | -       | 2              | -                           | 41         | 157  | 161                                    |  |
| Camberwell                 | 832     | -                                       | 10       | 5              | 12          | 25              | -       | 4              | 2                           | 76         | 281  | 161                                    |  |
| Greenwich                  | 582     | -                                       | 2        | 8              | 4           | 19              | -       | 4              | -                           | 55         | 182  | 146                                    |  |
| Lewisham (excluding Penge) | 207     | -                                       | -        | 6              | 7           | 1               | -       | 2              | -                           | 11         | 82   | 136                                    |  |
| Woolwich                   | 154     | -                                       | 11       | -              | -           | 3               | -       | 1              | -                           | 4          | 38   | 117                                    |  |
| Plumstead                  | 251     | -                                       | -        | 2              | 9           | 6               | -       | 1              | -                           | 13         | 66   | 98                                     |  |

In the above Table all deaths in Hospitals and in other Public Institutions within Registration London, as also 21 that occurred, outside that area, in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals have been distributed to the sanitary areas

from which the deceased inmates were admitted. On the other hand the deaths of 278 non-residents who died in Public Institutions inside London have been excluded from the Table.

#### GREATER LONDON.

In Greater London 3438 births and 1896 deaths were registered, corresponding to annual rates of 32·4 and 17·9 per 1000 of the estimated population. In the Outer Ring 14 deaths from diarrhoea, 9 from measles, 8 from diphtheria, and 6 from scarlet fever, were registered. Of the fatal cases of diphtheria, 3 occurred in Croydon and 2 in Walthamstow sub-districts. The 6 deaths from scarlet fever included 3 in West Ham sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·89 ins. ; the highest reading was 30·04 ins. on Monday morning, and the lowest 29·70 ins. on Saturday morning. The mean temperature of the *air* was 45°·0, and 7°·2 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average throughout the week, the coldest days being Sunday and Monday. The direction of the *wind* was variable and the horizontal movement of the air averaged 9·3 miles per hour, which was 0·9 of a mile below the average in the corresponding weeks of 16 years. *Rain* fell on Friday, to the amount of 0·02 of an inch. The duration of registered bright sunshine in the week was 24·6 hours, against 34·8 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of SEPTEMBER 1888 ; according to their returns 168,890,449 gallons or 767,347 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily ; or 227 gallons (103·1 decalitres), being rather more than a *ton* by weight, to each house, and 29·1 gallons (13·2 decalitres) to each person, against 29·0 gallons during September 1887.

| COMPANIES.                          | Number of Houses, &c.<br>supplied in |                     | Average daily Supply of Water<br>in Gallons. |                     |
|-------------------------------------|--------------------------------------|---------------------|--|---------------------|
|                                     | SEPTEMBER.<br>1887.                  | SEPTEMBER.<br>1888. | SEPTEMBER,<br>1887.                          | SEPTEMBER.<br>1888. |
| <b>TOTAL SUPPLY . . . .</b>         | <b>730,258</b>                       | <b>742,869</b>      | <b>165,182,640</b>                           | <b>168,890,449</b>  |
| From Thames . . . . .               | 352,277                              | 358,208             | 85,925,106                                   | 83,491,556          |
| From Lea and from other Sources . . | 377,981                              | 384,661             | 79,257,534                                   | 85,398,893          |
| <b>THAMES.</b>                      |                                      |                     |  |                     |
| Chelsea . . . . .                   | 34,592                               | 34,701              | 10,809,242                                   | 9,119,319           |
| West Middlesex . . . . .            | 69,634                               | 70,739              | 14,747,097                                   | 15,473,260          |
| Southwark and Vauxhall . . . . .    | 103,410                              | 110,097             | 24,829,133                                   | 23,639,297          |
| Grand Junction . . . . .            | 53,652                               | 54,761              | 15,934,334                                   | 17,002,470          |
| Lambeth . . . . .                   | 85,989                               | 87,910              | 19,605,300                                   | 18,257,300          |
| <b>LEA AND OTHER SOURCES.</b>       |                                      |                     |  |                     |
| New River . . . . .                 | 149,070                              | 150,819             | 31,287,000                                   | 31,315,000          |
| East London . . . . .               | 159,577                              | 162,831             | 35,808,525                                   | 41,505,346          |
| Kent . . . . .                      | 69,334                               | 71,011              | 12,162,009                                   | 12,578,547          |

*Note.*—The Return for September 1888, compared with that for the corresponding month of 1887, shows an increase of 12,611 houses, and an increase of 3,707,809 gallons of water supplied daily.

#### ANALYSIS OF METROPOLITAN WATER SUPPLY DURING SEPTEMBER.

Grove House, Pembridge Square, W.,  
12th October, 1888.

SIR,

I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of September.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent 0·6, New River 0·9, Colne Valley 1·3, Grand Junction 1·3, Chelsea 1·4, Tottenham 1·4, West Middlesex 1·6, Lambeth 1·6, Southwark 2·2, East London 2·4.

The Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies contained in every case less organic matter than the August samples, the proportion present being exceptionally small for river water. All the samples were clear and bright.

The water principally derived from the Lea, and distributed by the New River Company contained even less organic matter than any of the Thames waters, whilst the proportion of



organic matter in the East London Company's supply, although small in absolute amount, was slightly greater than that in the Thames-derived waters. Both samples were clear and bright.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health contained, as usual, only a very small quantity of organic matter. The Colne Valley Company's water was not softened to quite the usual extent.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and New River, clear and colourless; Tottenham, clear and nearly colourless; Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, and East London, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town "resembled that of the previous month."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES. |                | Date<br>and Place of Collection.                                 | Temperature in<br>Centigrade degrees. | Total Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|------------------------------------|----------------|--|---------------------------------------|------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                      | THAMES.        |  |                                       |                        |                 |                   |          |  |                             |           |                 |
|                                    | Chelsea        | September 28th,<br>Cab Rank, Horseguards,<br>Whitehall.          | 15·6                                  | 26·00                  | ·064            | ·017              | 0        | ·175                                     | ·192                        | 1·7       | 18·9            |
|                                    | West Middlesex | September 28th,<br>Cab Rank, Portland-road.                      | 16·4                                  | 26·30                  | ·076            | ·016              | 0        | ·179                                     | ·195                        | 1·7       | 19·7            |
|                                    | Southwark      | September 28th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. | 15·5                                  | 27·70                  | ·110            | ·022              | 0        | ·202                                     | ·224                        | 1·7       | 20·9            |
|                                    | Grand Junction | September 28th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. | 15·4                                  | 26·52                  | ·063            | ·014              | 0        | ·223                                     | ·237                        | 1·7       | 20·6            |
|                                    | Lambeth        | September 28th,<br>Cab Rank, St. George's-<br>road, Southwark.   | 15·4                                  | 27·40                  | ·080            | ·017              | 0        | ·241                                     | ·258                        | 1·7       | 21·2            |
|                                    | LEA.           |  |                                       |                        |                 |                   |          |  |                             |           |                 |
|                                    | New River      | September 28th,<br>Cab Rank, Tottenham<br>Court-road.            | 15·5                                  | 29·60                  | ·040            | ·013              | 0        | ·229                                     | ·242                        | 1·9       | 21·5            |
|                                    | East London    | September 28th,<br>Fire Brigade Station,<br>Commercial-road, E.  | 16·0                                  | 31·04                  | ·117            | ·022              | 0        | ·185                                     | ·207                        | 1·9       | 22·7            |
|                                    | DEEP WELLS.    |  |                                       |                        |                 |                   |          |  |                             |           |                 |
| Outer Circle.                      | Kent           | September<br>Mill Lane, Deptford.                                | 13·0                                  | 41·80                  | ·030            | ·008              | 0        | ·519                                     | ·527                        | 2·4       | 31·4            |
|                                    | Colne Valley   | September 30th,<br>Bushey.                                       | —                                     | 19·10                  | ·059            | ·016              | ·020     | ·442                                     | ·475                        | 1·9       | 9·9             |
|                                    | Tottenham      | September 27th,<br>Tottenham.                                    | —                                     | 39·30                  | ·062            | ·021              | ·036     | trace                                    | ·050                        | 2·6       | 23·6            |
| Corporation of Birming-<br>ham*    |                | September 10th,<br>39, Ladywood-road.                            | 13·3                                  | 26·24                  | ·139            | ·021              | ·002     | ·066                                     | ·088                        | 1·5       | 13·2            |
| Corporation of Glasgow†            |                | September 15th,<br>Loch Katrine Water.                           | 12·6                                  | 2·60                   | ·120            | ·031              | 0        | ·004                                     | ·035                        | ·7        | 1·0             |
| Column 1.                          |                | 2.   | 3.                                    | 4.                     | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 28th September at the Horseguards cab-rank, had a temperature of 15°·6 C.; 100,000 lbs. of it contained 26·00 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·064 lb. of carbon and ·017 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·175 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·192 lb. The above weight of water also contained 1·7 lbs. of chlorine; and 18·9 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

| CITIES AND BOROUGH. | POPULATION estimated to the middle of 1888. | Registered during the Week ending 13th Oct., 1888. |    | Deaths of Persons aged 1 Year or under. |    | Deaths from |    |    |    |    |     |     |     |     |     | Inquest Cases. |     | Cause of Death. |     | Annual Rate per 1000, corresponding to the Week's Deaths. |     | TEMPERATURE OF THE AIR. |         |                              |                                    | RAINFALL.  |                  | CITIES AND BOROUGH. |            |                |                |             |                 |          |            |           |                      |                               |                  |                              |             |             |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                     |   | 1.   | 2. | 3.                                      | 4. | 5.          | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15.            | 16. | 17.             | 18. | 19.   | 20. | Lowest.                 |         | Mean.                        |                                    | In Inches. | In Centi-metres. |                     |            |                |                |             |                 |          |            |           |                      |                               |                  |                              |             |             |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     |   |  |    |   |    |             |    |    |    |    |     |     |     |     |     |                |     |                 |     |   |     | Births.                 | Deaths. | Infants under 1 Year of Age. | Persons aged 60 Years and upwards. |            |                  |                     | Small-pox. | Miscellaneous. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhoid. | Diarrhoea. | Violence. | Public Institutions. | Unidentified Causes of Death. | From All Causes. | From Diseases in Cols. 6-12. | Fahrenheit. | Fahrenheit. | Centigrade. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Colts.              |   |  |    |   |    |             |    |    |    |    |     |     |     |     |     |                |     |                 |     |   |     |                         |         |                              |                                    |            |                  |                     |            |                |                |             |                 |          |            |           |                      |                               |                  |                              |             |             |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-FIRST Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2358 | 2675 | 2606 | 2550 | 2477 | 2504 | 2282 | 2582 | 2456 | 2358 | 2709·6   | 2588 |
| Males . .           | 1171 | 1380 | 1318 | 1356 | 1256 | 1280 | 1168 | 1319 | 1237 | 1192 | 1382·4   | 1330 |
| Females .           | 1187 | 1295 | 1288 | 1194 | 1221 | 1224 | 1114 | 1263 | 1219 | 1166 | 1327·2   | 1258 |
| <b>TOTAL Deaths</b> | 1418 | 1366 | 1405 | 1460 | 1563 | 1438 | 1344 | 1346 | 1274 | 1351 | 1522·8   | 153  |
| Males . .           | 692  | 729  | 742  | 741  | 791  | 758  | 664  | 667  | 675  | 653  | 775·5  | 769  |
| Females .           | 726  | 637  | 663  | 719  | 772  | 680  | 680  | 679  | 599  | 698  | 747·3  | 768  |

\* The numbers in this column are the average weekly numbers in the forty-first weeks of the ten years 1878-87, raised by 9'046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | July<br>21. | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. |
|--|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|------------|-------------|
| <b>TOTAL Births</b> - -                      | 2385        | 2353        | 2530       | 2228        | 2604        | 2401        | 2508        | 2475        | 2488         | 2463         | 2395         | 2413       | 2588        |
| <b>TOTAL Deaths</b> - -                      | 1297        | 1308        | 1309       | 1476        | 1330        | 1438        | 1342        | 1316        | 1330         | 1298         | 1314         | 1352       | 1536        |
| 0-20 - -                                     | 636         | 670         | 726        | 816         | 713         | 838         | 730         | 701         | 666          | 650          | 663          | 676        | 720         |
| 20-40 - -                                    | 168         | 155         | 131        | 174         | 173         | 183         | 159         | 145         | 159          | 177          | 176          | 165        | 219         |
| 40-60 - -                                    | 242         | 206         | 205        | 228         | 177         | 202         | 208         | 205         | 225          | 233          | 199          | 238        | 264         |
| 60-80 - -                                    | 202         | 217         | 195        | 217         | 217         | 221         | 204         | 223         | 235          | 197          | 225          | 224        | 273         |
| at 80 years & upwds.                         | 49          | 60          | 52         | 41          | 50          | 39          | 41          | 42          | 45           | 41           | 46           | 49         | 60          |
| Deaths of children { Under 1 year -          | 384         | 385         | 449        | 493         | 444         | 500         | 441         | 426         | 407          | 385          | 395          | 370        | 388         |
| { 1-5 - -                                    | 177         | 186         | 200        | 233         | 187         | 260         | 219         | 202         | 195          | 184          | 185          | 208        | 263         |
| { 5-20 - -                                   | 75          | 99          | 77         | 90          | 82          | 73          | 70          | 73          | 64           | 81           | 88           | 98         | 69          |
| Deaths from Small-pox -                      | 1           | -           | -          | -           | -           | -           | -           | -           | -            | -            | -            | -          | -           |
| " " Measles - -                              | 25          | 40          | 29         | 51          | 33          | 47          | 39          | 26          | 27           | 32           | 30           | 39         | 50          |
| " " Scarlet fever -                          | 14          | 23          | 18         | 17          | 17          | 21          | 15          | 19          | 24           | 20           | 22           | 24         | 30          |
| " " Diphtheria - -                           | 15          | 21          | 19         | 25          | 13          | 17          | 23          | 18          | 18           | 24           | 27           | 35         | 26          |
| " " Whooping-cough -                         | 33          | 30          | 25         | 27          | 20          | 28          | 24          | 32          | 31           | 22           | 13           | 5          | 13          |
| " " Typhus - -                               | -           | -           | -          | -           | 2           | -           | -           | -           | -            | -            | -            | 1          | -           |
| " " Enteric fever - -                        | 8           | 15          | 9          | 6           | 2           | 7           | 10          | 11          | 12           | 11           | 13           | 8          | 13          |
| " " Simple Cont <sup>d</sup> fever -         | -           | 1           | -          | 1           | 1           | -           | 1           | 1           | 1            | -            | -            | -          | 1           |
| " " Diarrhoea and } -                        | 62          | 89          | 121        | 133         | 162         | 192         | 144         | 131         | 122          | 78           | 77           | 72         | 43          |
| " " Dysentery - -                            | -           | -           | -          | -           | -           | -           | -           | -           | -            | -            | -            | -          | -           |
| " " Cholera - -                              | 2           | 4           | 4          | 5           | 4           | 7           | 2           | 3           | 1            | 4            | -            | -          | 2           |
| Deaths from the above-mentioned Diseases } - | 160         | 223         | 225        | 270         | 254         | 319         | 258         | 241         | 236          | 191          | 182          | 184        | 183         |
| " " Dis. of Respira- } -                     | 166         | 160         | 167        | 183         | 167         | 172         | 130         | 148         | 184          | 179          | 213          | 239        | 311         |
| " " tory System } -                          | 141         | 117         | 123        | 131         | 134         | 108         | 125         | 122         | 132          | 146          | 117          | 150        | 175         |
| " " Phthisis - -                             | 118         | 92          | 93         | 123         | 85          | 84          | 91          | 109         | 93           | 114          | 112          | 111        | 138         |
| " " Dis. of Circula- } -                     | -           | -           | -          | -           | -           | -           | -           | -           | -            | -            | -            | -          | -           |
| " " tory System } -                          | -           | -           | -          | -           | -           | -           | -           | -           | -            | -            | -            | -          | -           |
| Violent Deaths - -                           | 54          | 63          | 49         | 56          | 47          | 47          | 53          | 32          | 61           | 69           | 61           | 51         | 60          |
| Inquest Cases - -                            | 104         | 89          | 97         | 100         | 91          | 87          | 88          | 71          | 103          | 112          | 101          | 94         | 116         |
| Deaths in Public Institutions                | 314         | 305         | 260        | 341         | 296         | 303         | 292         | 296         | 312          | 293          | 325          | 307        | 346         |
| TEMPERATURE OF THE AIR                       |             |             |            |             |             |             |             |             |              |              |              |            |             |
| Mean - -                                     | 59·4        | 60·3        | 56·9       | 63·9        | 56·4        | 60·0        | 56·6        | 57·1        | 54·5         | 57·2         | 55·8         | 42·7       | 45·0        |
| Mean of Highest readings -                   | 68·6        | 69·9        | 67·5       | 75·2        | 67·1        | 70·2        | 66·4        | 65·9        | 66·3         | 66·3         | 65·2         | 52·6       | 54·7        |
| Mean of Lowest readings -                    | 52·8        | 53·8        | 50·4       | 54·3        | 48·6        | 51·8        | 48·4        | 51·2        | 44·7         | 50·0         | 49·9         | 33·5       | 36·2        |
| Humidity of the Air - -                      | 83          | 81          | 87         | 75          | 77          | 82          | 81          | 83          | 83           | 81           | 90           | 82         | 79          |
| Rain-fall in inches - -                      | 1·61        | 1·11        | 4·29       | 0·11        | 0·00        | 0·81        | 1·22        | 0·16        | 0·06         | 0·00         | 0·51         | 0·11       | 0·02        |
| Registered Sunshine (in hours)               | 11·8        | 34·8        | 22·0       | 47·5        | 27·8        | 29·2        | 32·2        | 20·8        | 42·4         | 32·6         | 12·7         | 33·0       | 24·6        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R. Met. Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIlainsborough, Esq., F.G.S., F.R. Met. Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FIRST Week of the Year 1888.

| CAUSES OF DEATH.                     | Corrected Averages for the 41st Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 13th October 1888. |      |      |       |                  |                  |                  |                       | CAUSES OF DEATH.  | Corrected Averages for the 41st Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 13th October 1888. |      |      |       |                  |                  |                  |                       |
|--------------------------------------|---|---|------|------|-------|------------------|------------------|------------------|-----------------------|---|---|---|------|------|-------|------------------|------------------|------------------|-----------------------|
|                                      |   | Deaths of Persons of the Ages                   |      |      |       |                  |                  |                  |                       |   |   | Deaths of Persons of the Ages                   |      |      |       |                  |                  |                  |                       |
|                                      |   | ALL AGES.                                       | 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   | ALL AGES.                                       | 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |
| CAUSES - -                           | 1522.8  | 1536  | 388  | 263  | 69    | 219              | 264              | 278              | 60                    | Diseases of Organs of Special Sense † - -                 | 2.8   | 2   | -    | -    | 1     | 1                | -                | -                | -                     |
| { Vaccinated - -                     | 5.3 {   | -   | -    | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - -                      | 106.9   | 133   | 4    | 2    | 4     | 22               | 40               | 59               | 7                     |
| { Unvaccinated - -                   |   | -   | -    | -    | -     | -                | -                | -                | -                     | Croup - - -   | 16.6  | 10  | 1    | 9    | -     | -                | -                | -                | -                     |
| { No Statement - -                   |   | -   | -    | -    | -     | -                | -                | -                | -                     | Bronchitis - - -  | 165.7   | 183   | 57   | 39   | 5     | 5                | 23               | 43               | 11                    |
| Fes - - -                            | 25.1  | 50  | 10   | 37   | 3     | -                | -                | -                | -                     | Pneumonia - - -   | 77.8  | 79  | 27   | 20   | 5     | 7                | 11               | 8                | 1                     |
| et Fever - - -                       | 53.0  | 30  | -    | 24   | 6     | -                | -                | -                | -                     | Pleurisy - - -  | 14.0  | 7   | -    | 2    | 1     | 2                | 2                | -                | -                     |
| us - - -                             | 0.9   | -   | -    | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - -                  | 26.4  | 32  | 10   | 13   | 2     | -                | 2                | 4                | 1                     |
| eing Fever, † -                      | 0.0   | -   | -    | -    | -     | -                | -                | -                | -                     | Dentition † - - -   | 9.9   | 11  | 8    | 3    | -     | -                | -                | -                | -                     |
| ma - - -                             | 0.0   | -   | -    | -    | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † - -                                 | 2.5   | 5   | -    | 4    | -     | -                | 1                | -                | -                     |
| opping-cough -                       | 27.4  | 13  | 5    | 13   | -     | -                | -                | -                | -                     | Enteritis - - -   | 7.1   | 7   | 7    | -    | -     | -                | -                | -                | -                     |
| eris - - -                           | 20.1  | 26  | 1    | 17   | 5     | 2                | -                | 1                | -                     | Peritonitis - - -   | 7.5   | 5   | 1    | -    | 1     | 2                | -                | 1                | -                     |
| Continued and Defined Fever - -      | 2.0   | 1   | -    | -    | -     | -                | -                | 1                | -                     | Diseases of Liver - -                                     | 30.6  | 31  | 3    | 1    | -     | 6                | 12               | 9                | -                     |
| ic Fever - - -                       | 25.4  | 13  | -    | 1    | 6     | 5                | 1                | -                | -                     | Other Diseases of Digestive System - -                    | 33.1  | 33  | 5    | 1    | 4     | 4                | 11               | 6                | 2                     |
| ra - - -                             | 0.7   | 2   | 2    | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - - | 1.6   | 1   | -    | -    | 1     | -                | -                | -                | -                     |
| om, Dysentery -                      | 47.9  | 43  | 31   | 8    | -     | -                | -                | 2                | 2                     | Diseases of Urinary System - - -                          | 34.1  | 38  | -    | 3    | 1     | 10               | 15               | 7                | 2                     |
| tent Fever † -                       | 0.4   | -   | -    | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - -                       | 5.3   | 6   | -    | 1    | -     | 2                | 3                | -                | -                     |
| ophobia - - -                        | 0.2   | -   | -    | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth - -                               | 4.1   | 1   | -    | -    | -     | 1                | -                | -                | -                     |
| ers - - -                            | 0.0   | -   | -    | -    | -     | -                | -                | -                | -                     | Diseases of Locomotive System † - - -                     | 7.6   | 4   | -    | -    | 1     | 2                | -                | 1                | -                     |
| ox and Effects of Vaccination † - -  | 0.2   | 1   | 1    | -    | -     | -                | -                | -                | -                     | Diseases of Integumentary System - - -                    | 7.2   | 7   | 5    | 1    | -     | -                | -                | 1                | -                     |
| real Affections -                    | 9.2   | 8   | 5    | -    | -     | 3                | -                | -                | -                     | VIOLENT DEATHS.‡  |   |   |      |      |       |                  |                  |                  |                       |
| pelas - - -                          | 7.1   | 1   | -    | -    | -     | -                | 1                | -                | -                     | ACCIDENT.)  |   |   |      |      |       |                  |                  |                  |                       |
| ia and Septicæmia †                  | 3.7   | 2   | -    | -    | 1     | 1                | -                | -                | -                     | Fracture and Contusion - -                                | 19.0  | 21  | -    | 3    | 2     | 5                | 6                | 4                | 1                     |
| eral Fever - -                       | 4.8   | 4   | -    | -    | -     | 4                | -                | -                | -                     | Gunshot Wound - - -                                       | 0.1   | -   | -    | -    | -     | -                | -                | -                | -                     |
| Zymotic Diseases †                   | 1.4   | -   | -    | -    | -     | -                | -                | -                | -                     | Cut, Stab - - -   | 0.4   | 1   | -    | -    | -     | -                | 1                | -                | -                     |
| sh - - -                             | 3.7   | 3   | 3    | -    | -     | -                | -                | -                | -                     | Burn and Scald - - -                                      | 4.5   | 3   | -    | 2    | -     | -                | -                | 1                | -                     |
| s and other Para- al Diseases - -    | 0.8   | 1   | -    | -    | -     | 1                | -                | -                | -                     | Poison - - -  | 2.0   | 3   | -    | -    | 1     | 1                | 1                | -                | -                     |
| ation, Want of Fast-milk † - -       | 1.9   | 1   | 1    | -    | -     | -                | -                | -                | -                     | Drowning - - -  | 4.3   | 6   | -    | -    | -     | 3                | 2                | -                | -                     |
| olism - - -                          | 5.5   | 6   | -    | -    | -     | 1                | 5                | -                | -                     | Suffocation - - -   | 10.4  | 12  | 11   | -    | -     | 1                | -                | -                | -                     |
| matic Fever, †                       | 7.9   | 3   | -    | -    | -     | 3                | -                | -                | -                     | Otherwise - - -   | 2.3   | 2   | 1    | -    | -     | 1                | -                | -                | -                     |
| matism of Heart †                    | 2.1   | 1   | -    | -    | -     | -                | 1                | -                | -                     | (HOMICIDE.)   |   |   |      |      |       |                  |                  |                  |                       |
| - - -                                | 2.1   | 2   | -    | -    | -     | -                | 1                | 1                | -                     | Murder & Manslaughter - -                                 | 1.5   | 4   | 1    | -    | -     | 1                | 2                | -                | -                     |
| ts † - - -                           | 2.6   | 9   | 2    | 7    | -     | -                | -                | -                | -                     | (SUICIDE.)  |   |   |      |      |       |                  |                  |                  |                       |
| er - - -                             | 49.3  | 73  | -    | -    | 1     | 14               | 22               | 33               | 3                     | Gunshot Wound - - -                                       | 0.5   | -   | -    | -    | -     | -                | -                | -                | -                     |
| Mesenterica -                        | 31.3  | 19  | 12   | 4    | 3     | -                | -                | -                | -                     | Cut, Stab - - -   | 2.0   | 2   | -    | -    | -     | 2                | -                | -                | -                     |
| ronular Meningitis                   | 28.5  | 17  | 3    | 13   | 1     | -                | -                | -                | -                     | Poison - - -  | 1.5   | 4   | -    | -    | -     | -                | -                | -                | -                     |
| ia - - -                             | 175.9   | 175   | 4    | 5    | 10    | 89               | 53               | 9                | -                     | Drowning - - -  | 0.3   | 1   | -    | -    | -     | -                | -                | -                | -                     |
| ula, Tuberculosis                    | 15.9  | 12  | 2    | 3    | 3     | 2                | 2                | -                | -                     | Hanging - - -   | 1.2   | 2   | -    | -    | -     | 2                | -                | -                | -                     |
| Constitutional eases † - -           | 11.3  | 11  | -    | 1    | -     | 2                | 4                | 4                | -                     | Otherwise - - -   | 0.7   | -   | -    | -    | -     | -                | -                | -                | -                     |
| ature Birth - -                      | 35.7  | 50  | 50   | -    | -     | -                | -                | -                | -                     | (EXECUTION.)  |   |   |      |      |       |                  |                  |                  |                       |
| ectasis † - -                        | 2.8   | 5   | 5    | -    | -     | -                | -                | -                | -                     | Hanging - - -   | 0.3   | -   | -    | -    | -     | -                | -                | -                | -                     |
| ental Malforma- ns - -               | 7.0   | 8   | 6    | 2    | -     | -                | -                | -                | -                     | OTHER CAUSES † - -  | 62.4  | 59  | 47   | 6    | -     | 1                | 3                | 2                | -                     |
| Age - - -                            | 47.6  | 43  | -    | -    | -     | -                | -                | 23               | 20                    |   |   |   |      |      |       |                  |                  |                  |                       |
| olexy - - -                          | 48.2  | 51  | -    | -    | -     | 6                | 17               | 24               | 4                     |   |   |   |      |      |       |                  |                  |                  |                       |
| opsy - - -                           | 8.3   | 9   | -    | -    | -     | 1                | 4                | 4                | -                     |   |   |   |      |      |       |                  |                  |                  |                       |
| ulsions - - -                        | 43.9  | 53  | 43   | 5    | -     | -                | -                | -                | -                     |   |   |   |      |      |       |                  |                  |                  |                       |
| Diseases of Brain and Nervous System | 81.8  | 66  | 9    | 13   | 1     | 7                | 6                | 24               | 6                     |   |   |   |      |      |       |                  |                  |                  |                       |

RE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.045 per cent. for increase of population. The ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical man, the case is returned under the heading "no statement."

No evidence at inquest is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, or suicide. All such cases are classed under "accident or negligence."



TABLE 3. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SO during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include    |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
|---|--|--|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|--|
|   |  |  |                                     |                                     | Deaths of<br>Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
|   |  |  |                                     |                                     |  |                                     | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |
| LONDON - - - -  |  | 3,815,704                                    | 2588                                | 1536                                | 388  | 333                                 | -           | 50       | 30             | 26          | 13              | -       | 13                             | 1                            | 43         | 60        | 116            | 31                                |  |
| WEST DISTRICTS - - - -  |  | 669,633                                      | 598                                 | 242                                 | 55   | 24                                  | -           | 10       | 2              | 9           | -               | -       | 4                              | -                            | 7          | 15        | 23             | 7                                 |  |
| NORTH DISTRICTS - - - -   |  | 905,947                                      | 605                                 | 359                                 | 88   | 76                                  | -           | 13       | 10             | 3           | 6               | -       | 3                              | 1                            | 10         | 11        | 27             | 7                                 |  |
| CENTRAL DISTRICTS - - - -   |  | 282,238                                      | 156                                 | 120                                 | 38   | 16                                  | -           | 6        | 2              | 4           | 3               | -       | -                              | -                            | 3          | 0         | 11             | 4                                 |  |
| EAST DISTRICTS - - - -  |  | 692,738                                      | 514                                 | 296                                 | 84   | 63                                  | -           | 13       | 6              | 2           | 1               | -       | 3                              | -                            | 8          | 12        | 23             | 7                                 |  |
| SOUTH DISTRICTS - - - -   |  | 1,365,143                                    | 915                                 | 519                                 | 128  | 124                                 | -           | 3        | 10             | 8           | 8               | -       | 3                              | -                            | 15         | 10        | 29             | 10                                |  |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON - - - - |  | -  | -                                   | -                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| WEST DISTRICTS.   |  |  |                                     |                                     |  |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
| St. Mary Paddington WHH G.J. & W.M.                                       |  | 69938  | 48                                  | 22                                  | 6  | 8                                   | -           | 1        | -              | 2           | -               | -       | -                              | -                            | -          | 2         | 3              | 2                                 |  |
| St. John Paddington H - - G.J.  |  | 37330  | 10                                  | 6                                   | -  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 4                                 |  |
| Kensington Town WH - - W.M.   |  | 120141                                       | 62                                  | 39                                  | 9  | 8                                   | -           | 3        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 2              | 3                                 |  |
| Brompton BH - - - W.M. & C.   |  | 49010  | 22                                  | 12                                  | 4  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 1                                 |  |
| St. Peter Hammersmith - - W.M.  |  | 7399   | 9                                   | 3                                   | -  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Paul Hammersmith H - W.M. & G.J.                                      |  | 64340  | 47                                  | 25                                  | 5  | 6                                   | -           | 1        | 2              | 2           | -               | -       | 1                              | -                            | 3          | 5         | 2              | 2                                 |  |
| Fulham WHW - - - W.M. & C.  |  | 42900  | 58                                  | 40                                  | 15   | 3                                   | -           | 1        | 2              | -           | -               | -       | 2                              | -                            | 2          | 2         | 10             | 2                                 |  |
| Chelsea South HHH - - - C.  |  | 30396  | 13                                  | 9                                   | 1  | 1                                   | -           | 2        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | 2                                 |  |
| Chelsea North-west WHHHH - C.   |  | 24925  | 27                                  | 13                                  | 2  | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | 9                                 |  |
| Chelsea North-east - - - C.   |  | 32807  | 23                                  | 14                                  | 5  | 3                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| May Fair WW - - - G.J.  |  | 30333  | 7                                   | 12                                  | 2  | 5                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 2              | 5                                 |  |
| Belgrave WHHH - - - C.  |  | 59226  | 21                                  | 21                                  | 2  | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 1              | 13                                |  |
| St. John Westminster HHH - C.   |  | 35496  | 20                                  | 10                                  | 2  | 3                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 2              | -                                 |  |
| St. Margaret Westminster H - C.   |  | 24679  | 8                                   | 6                                   | 1  | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 2         | 2              | 4                                 |  |
| St. James Westminster WHH N.R. & G.J.                                     |  | 29941  | 10                                  | 3                                   | 1  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |  |
| St. Anne Soho HHHHHH - N.R.   |  | 16608  | 8                                   | 2                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 |  |
| NORTH DISTRICTS.  |  |  |                                     |                                     |  |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
| All Souls Marylebone HHHH - W.M.  |  | 26759  | 8                                   | 11                                  | -  | 4                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 6                                 |  |
| Cavendish Square HHHH - - W.M.  |  | 14391  | 4                                   | 4                                   | 1  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 18                                  | 9                                   | 4  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 |  |
| St. Mary Maryleb. HHH G.J. & W.M.   |  | 21118  | 23                                  | 4                                   | 1  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | -                                 |  |
| Christchurch Marylebone H - W.M.  |  | 33700  | 20                                  | 12                                  | 7  | 1                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | -                                 |  |
| St. John Marylebone H - - W.M.  |  | 33633  | 17                                  | 18                                  | 6  | 5                                   | -           | 5        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3              | -                                 |  |
| Hampstead WHWHHHH N.R. & W.M.   |  | 45452  | 34                                  | 19                                  | 2  | 5                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 7                                 |  |
| Regent's Park Paneras H - - W.M.  |  | 39115  | 20                                  | 9                                   | 1  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 14                                  | 22                                  | 5  | 2                                   | -           | -        | -              | 1           | 1               | 1       | 1                              | -                            | 1          | 1         | 13             | 1                                 |  |
| Gray's Inn Lane HHH - - N.R.  |  | 30247  | 25                                  | 9                                   | 4  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3              | 1                                 |  |
| Somers Town H - - - N.R.  |  | 34369  | 18                                  | 19                                  | 2  | 5                                   | -           | 2        | -              | -           | -               | -       | -                              | 1                            | 2          | 1         | 2              | 1                                 |  |
| Camden Town WH - - - N.R.   |  | 17311  | 19                                  | 17                                  | 2  | 5                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | 1          | 1         | 2              | 9                                 |  |
| Kentish Town W - - - N.R.   |  | 87437  | 38                                  | 35                                  | 10   | 6                                   | -           | 3        | 1              | -           | 2               | -       | -                              | -                            | 1          | -         | 2              | 7                                 |  |
| Upper Holloway WHWH - - N.R.  |  | 67946  | 49                                  | 36                                  | 5  | 11                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 4         | 17             | 1                                 |  |
| Islington South-west HH - - N.R.  |  | 100976                                       | 77                                  | 39                                  | 17   | 5                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | 4          | 2         | 2              | 1                                 |  |
| Islington South-east - - N.R.   |  | 61825  | 44                                  | 15                                  | 1  | 4                                   | -           | -        | 1              | -           | 2               | -       | 1                              | -                            | -          | -         | -              | -                                 |  |
| Highbury H - - - N.R.   |  | 62048  | 31                                  | 11                                  | 4  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |  |
| Stoke Newington H - - - N.R.  |  | 22781  | 11                                  | 7                                   | 4  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Stamford Hill - - - E.L.  |  | 9277   | 9                                   | 3                                   | -  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| West Hackney H - - - N.R.   |  | 37610  | 24                                  | 11                                  | 1  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Hackney WHWHH - - - E.L. & N.R.   |  | 76911  | 52                                  | 33                                  | 10   | 4                                   | -           | -        | 5              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | 9                                 |  |
| South Hackney - - - E.L.  |  | 39383  | 30                                  | 15                                  | 1  | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| CENTRAL DISTRICTS.  |  |  |                                     |                                     |  |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
| St. George Bloomsbury - - N.R.  |  | 16681  | 3                                   | 3                                   | 2  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Giles South WE - - - N.R.   |  | 14864  | 8                                   | 4                                   | 3  | -                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Giles North - - - N.R.  |  | 13837  | 6                                   | 4                                   | 1  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Martin-in-the-Fields HH N.R. & C.                                     |  | 17508  | 6                                   | 11                                  | 1  | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 6                                 |  |
| St. Mary-le-Strand H - - N.R.   |  | 7515   | 4                                   | 1                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Clement Danes H - - N.R.  |  | 8559   | 3                                   | 8                                   | 2  | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | 2                                 |  |
| Strand Union Workhouse, Edmonson st.                                      |  | -  | -                                   | 1                                   | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 13671  | 14                                  | 17                                  | 4  | 1                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | 11                                |  |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 7                                   | 2                                   | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Saffron Hill H - - - N.R.   |  | 6563   | 4                                   | 1                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. James Clerkenwell - - N.R.  |  | 17516  | 15                                  | 6                                   | 4  | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Amwell Clerkenwell - - N.R.   |  | 19281  | 16                                  | 4                                   | 2  | -                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | -                                 |  |
| Pentonville - - - N.R.  |  | 14773  | 11                                  | 7                                   | 3  | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Goswell-street - - - N.R.   |  | 17506  | 6                                   | 5                                   | -  | 2                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |  |
| Old-street H - - - N.R.   |  | 11541  | 4                                   | 3                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| City-road HHL - - - N.R.  |  | 18628  | 22                                  | 8                                   | 2  | 1                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |  |
| Whitecross-street - - N.R.  |  | 9217   | 7                                   | 2                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Finsbury - - - N.R.   |  | 7463   | 3                                   | -                                   | -  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Holborn Union Workhouse, Micham st.                                       |  | -  | -                                   | 2                                   | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Botolph H - - - N.R. & E.L.   |  | 11174  | 7                                   | 3                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Cripplegate - - - N.R.  |  | 7193   | 1                                   | 1                                   | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Sepulchre H - - - N.R.  |  | 5358   | 2                                   | 20                                  | 2  | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 4              | 16                                |  |
| St. Bride W - - - N.R.  |  | 8396   | 3                                   | 3                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Albion Barking - - - N.R.   |  | 13666  | 1                                   | 1                                   | 1  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Broad Street H - - - N.R.   |  | 5632   | 1                                   | 3                                   | -  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |  |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

MEASLES, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT during the 13th October, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |              | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
|--------------------------------|--------------|---|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|
|                                |              |   |                                     |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
|                                |              |   |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 10<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| EAST DISTRICTS.                |              |   |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| lywell Shoreditch              | N.R. & E.L.  | 7376  | 3                                   | 3                                   |   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Leonard Shoreditch             | HL*          | 14967   | 6                                   | 7                                   | 2   | 1                                   |             | 1        |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ston New Town                  | N.R.         | 29837   | 23                                  | 14                                  | 8   | 6                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ston Old Town                  | N.R.         | 28036   | 20                                  | 7                                   | 1   | 2                                   |             |          |                | 1           |                 |         |                                   |                              |            |           |                |                                   |                                 |
| egerston WH                    | N.R. & E.L.  | 46275   | 37                                  | 16                                  | 7   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ckney-road H                   | N.R.         | 29738   | 21                                  | 12                                  | 6   | 1                                   |             | 1        |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| sen, Bethnal Green             | WHL*         | 47932   | 48                                  | 36                                  | 10  | 12                                  |             |          |                | 3           |                 |         |                                   |                              |            |           |                |                                   |                                 |
| arch, Bethnal Green            | N.R.         | 29881   | 21                                  | 10                                  | 4   |                                     |             |          |                |             |                 |         | 1                                 |                              |            |           |                |                                   |                                 |
| wn, Bethnal Green              | N.R.         | 19810   | 19                                  | 5                                   | 4   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| alfelds                        | E.L. & N.R.  | 22585   | 9                                   | 4                                   | 3   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| e End New Town                 | N.R.         | 15473   | 17                                  | 12                                  | 1   | 6                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| itchapel Church                | H            | 17490   | 12                                  | 17                                  | 3   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| odman's Fields                 | N.R.         | 9713  | 2                                   | 2                                   | 1   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| igate                          | N.R. & E.L.  | 6102  | 7                                   |                                     |   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| George's, North                | N.R.         | 38747   | 34                                  | 15                                  | 4   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| John, St. George East          | W            | 8410  | 9                                   | 6                                   | 3   |                                     |             |          |                |             |                 |         | 1                                 |                              |            |           |                |                                   |                                 |
| dwell HH                       | E.L. & N.R.  | 10895   | 8                                   | 10                                  | 4   | 1                                   |             | 1        |                | 1           |                 |         |                                   |                              |            |           |                |                                   |                                 |
| elfs                           | N.R.         | 16107   | 10                                  | 5                                   | 2   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ehouse                         | N.R.         | 32041   | 19                                  | 15                                  | 2   | 3                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| e End Old Town West            | N.R.         | 37960   | 59                                  | 8                                   | 2   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| e End Old Town East            | WHL          | 67653   | 45                                  | 24                                  | 6   | 7                                   |             |          |                | 1           | 2               |         |                                   |                              |            |           |                |                                   |                                 |
| W I                            | N.R.         | 37074   | 30                                  | 16                                  | 5   | 2                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| omley W                        | N.R.         | 64359   | 54                                  | 30                                  | 7   | 11                                  |             |          |                | 4           |                 |         |                                   | 1                            |            |           |                |                                   |                                 |
| olar WHH                       | N.R.         | 55077   | 31                                  | 22                                  | 7   | 4                                   |             |          |                | 2           |                 |         |                                   |                              |            |           |                |                                   |                                 |
| SOUTH DISTRICTS.               |              |   |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| atchchurch Southwark           | WH           | 13663   | 6                                   | 4                                   | 2   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Saviour Southwark              | N.R.         | 14999   | 8                                   | 2                                   | 1   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| it-road                        | S. & L.      | 21281   | 13                                  | 10                                  | 2   | 6                                   |             |          |                |             | 1               |         |                                   |                              |            |           |                |                                   |                                 |
| ough-road WH                   | S. & L.      | 16953   | 22                                  | 12                                  | 6   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| don-road                       | HL           | 21315   | 13                                  | 13                                  | 1   | 3                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ity Newington                  | S. & L.      | 26872   | 22                                  | 9                                   | 2   | 2                                   |             |          |                |             | 1               |         |                                   |                              |            |           |                |                                   |                                 |
| Peter Walworth                 | W            | 59555   | 29                                  | 16                                  | 2   | 8                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Mary Newington                 | N.R.         | 21623   | 11                                  | 5                                   | 2   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Olave WH                       | N.R.         | 11956   | 6                                   | 18                                  | -   | 4                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ther Market                    | S. & L.      | 16300   | 9                                   | 18                                  | 3   | 2                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Mary Magdalen                  | W            | 16609   | 7                                   | 8                                   | 3   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| James Bernadosey               | N.R.         | 14683   | 42                                  | 10                                  | 4   | 4                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| herbiths WH                    | S. & K.      | 36024   | 37                                  | 24                                  | 9   | 5                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| terloo-road 1st H              | N.R.         | 15195   | 12                                  | 5                                   | 3   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| terloo-road 2nd H              | N.R.         | 16381   | 18                                  | 4                                   | 1   | 3                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| neth Church 1st H              | N.R.         | 19576   | 12                                  | 17                                  | 2   | 3                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| neth Church 2nd W              | W            | 33859   | 19                                  | 34                                  | 11  | 3                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ington 1st                     | N.R.         | 45322   | 34                                  | 11                                  | 2   | 3                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ington 2nd                     | N.R.         | 35832   | 13                                  | 9                                   | 1   | 2                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ton W                          | N.R.         | 62837   | 30                                  | 10                                  | 1   | 5                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| wood W                         | N.R.         | 19017   | 15                                  | 9                                   | 5   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Battersea                      | N.R.         | 54675   | 48                                  | 17                                  | 9   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| at Battersea                   | WHL          | 55087   | 51                                  | 22                                  | 5   | 8                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ham H                          | N.R.         | 36840   | 15                                  | 17                                  | 4   | 7                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| adsworth WHL                   | N.R.         | 28004   | 24                                  | 15                                  | 4   | 4                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ney                            | N.R.         | 13235   | 9                                   | 2                                   | -   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| atham                          | N.R.         | 25553   | 29                                  | 3                                   | 1   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Wich                           | N.R.         | 5590  | 1                                   | -                                   | -   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| berwell W                      | L & S        | 49104   | 45                                  | 33                                  | 5   | 9                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| ham W                          | S., L., & K. | 71089   | 48                                  | 26                                  | 6   | 3                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| George Camberwell              | N.R.         | 50810   | 59                                  | 21                                  | 5   | 4                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Paul Deptford                  | W            | 76752   | 63                                  | 35                                  | 7   | 6                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Nicholas Deptford              | N.R.         | 7501  | 4                                   | 3                                   | 1   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| enwich West H                  | N.R.         | 21972   | 12                                  | 4                                   | 2   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| enwich East WHH                | N.R.         | 24608   | 13                                  | 24                                  | 5   | 8                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| am H                           | N.R.         | 5048  | 2                                   | -                                   | -   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| H                              | N.R.         | 21559   | 6                                   | 7                                   | 2   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| isham WH                       | N.R.         | 19865   | 13                                  | 8                                   | 3   | 5                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| enham H                        | N.R.         | 26076   | 18                                  | 6                                   | 1   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| riton H                        | N.R.         | 10826   | 8                                   | 1                                   | -   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| wich Dockyard                  | N.R.         | 17617   | 13                                  | 7                                   | 1   | 2                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| wich Arsenal HH                | N.R.         | 19048   | 17                                  | 4                                   | 1   | 1                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| instead, West H                | N.R.         | 14009   | 9                                   | -                                   | -   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| instead, East W                | N.R.         | 19241   | 25                                  | 11                                  | 3   | 4                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Metropolitan Asylum Hospitals: |              |   |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Barford                        | W            | -   | -                                   | -                                   | -   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Winchmore Hill                 | W            | -   | -                                   | -                                   | -   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |
| Platow                         | W            | -   | -                                   | -                                   | -   | -                                   |             |          |                |             |                 |         |                                   |                              |            |           |                |                                   |                                 |

The following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by W:-

Jaylebone Infirmary in Kensington Town sub-district.  
General London Sick Asylum in Tottenham Court-road sub-district.  
Holborn Asylum in Upper Holloway sub-district.  
London City Workhouse " Hackney sub-district.  
" " " Brixton New Town sub-district.  
Whitechapel " " Mile End Old Town Eastern sub-district.  
London City " " Mile End Old Town Eastern sub-district.  
" " " and Bromley sub-district.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum " " "  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum Hospitals: Hosnais in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Barford, Edmonton, and West Ham sub-districts outside Registration London.

\* Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during Week ending Saturday, 13th October, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |    |    |                |                                   |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----|----|----------------|-----------------------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |    |    | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. |    |    |                |                                   |
| LONDON—OUTER RING   |                                | 370,924  | 950,937   | 850     | 360     | 97  | 94                                  | -           | 9        | 6              | 8           | 1               | 3      | 14         | 7         | 12 | 34 |                |                                   |
| 30:1  | Carshalton wL -                | 12228  | 21118   | 9       | 10      | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 7  |                |                                   |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 5       | 4       | 1   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | 1  |                |                                   |
| 37:1  | Godstone (part of)* -          | 2754   | 1235  | 4       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 38:1  | Croydon WwHHL -                | 20851  | 101241  | 61      | 27      | 5   | 6                                   | -           | 2        | -              | 3           | -               | 1      | 1          | -         | 1  | 7  |                |                                   |
| 2   | Mitcham w† -                   | 11697  | 17932   | 21      | 11      | 4   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 39:1  | Wimbledon HHH -                | 8290   | 15950   | 13      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Kingston WHH -                 | 8549   | 36354   | 25      | 12      | 4   | 5                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | 2  |                |                                   |
| 3   | Esher (part of)* -             | 6601   | 9221  | -       | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  |                |                                   |
| 4   | Hampton H -                    | 4573   | 13309   | 13      | 4       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 40:1  | Richmond WH -                  | 2272   | 21302   | 13      | 10      | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | 2  |                |                                   |
| 2   | Mortlake -                     | 2941   | 12331   | 7       | 4       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 41:1  | Bromley (pt. of)* HH           | 15689  | 31142   | 26      | 7       | 5   | 1                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15844   | 22      | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 42:1  | Bexley H -                     | 13437  | 24134   | 23      | 6       | 3   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Dartford (Ww, pts. of)* -      | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 124:1   | Sunbury w -                    | 11055  | 11636   | 4       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Staines W- -                   | 13277  | 12089   | 7       | 4       | -   | 1                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 125:1   | Hillingdon WHH -               | 6029   | 10802   | 8       | 3       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  |                |                                   |
| 2   | Uxbridge -                     | 6178   | 3225  | 2       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Hayes wHL -                    | 14587  | 11523   | -       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 126:1   | Isleworth WHH -                | 7008   | 22727   | 16      | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Twickenham H -                 | 2477   | 12479   | 11      | 2       | -   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Brentford HL -                 | 4345   | 27649   | 33      | 12      | 1   | 3                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 4   | Chiswick -                     | 1340   | 15975   | 16      | 5       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 1  | -  |                |                                   |
| 5   | Acton wH -                     | 4033   | 22376   | 14      | 8       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 127:1   | Harrow H -                     | 13809  | 12796   | 10      | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Edgware H -                    | 6994   | 3749  | 2       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Willesden -                    | 4383   | 27453   | 25      | 9       | 2   | 2                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 4   | Hendon W -                     | 8332   | 10434   | 16      | 7       | 4   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | 3  |                |                                   |
| 137:1   | Bushey -                       | 9331   | 6621  | 4       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Watford (W, pt. of)* -         | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 128:1   | South Mimms -                  | 15599  | 6391  | 14      | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 2   | Barnet -                       | 5433   | 10992   | 3       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Finchley HL -                  | 4688   | 17615   | 18      | 8       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | 2  |                |                                   |
| 135:1   | Hatfield (part of)* -          | 3306   | 583   | 2       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 129:1   | Hornsey H- -                   | 3039   | 37078   | 26      | 14      | 2   | 7                                   | -           | 1        | -              | -           | 1               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Tottenham H -                  | 4642   | 46456   | 57      | 28      | 9   | 5                                   | -           | 1        | -              | -           | -               | -      | 3          | 2         | 4  | 3  |                |                                   |
| 3   | Edmonton Ww† -                 | 7483   | 23433   | 19      | 7       | 2   | 2                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -  | 3  |                |                                   |
| 4   | Enfield WH -                   | 12653  | 19104   | 17      | 7       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1  | -  |                |                                   |
| 5   | Waltham Abbey -                | 11017  | 3344  | 5       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 6   | Cheshunt -                     | 8490   | 7725  | 4       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 136:1   | Stratford -                    | 531  | 38003   | 29      | 10      | 4   | 1                                   | -           | 1        | -              | -           | -               | -      | 1          | -         | -  | -  |                |                                   |
| 2   | West Ham wwwwH5 -              | 7351   | 101053  | 119     | 51      | 20  | 7                                   | -           | 2        | 3              | -           | -               | -      | 3          | -         | -  | -  |                |                                   |
| 3   | Leyton WwL -                   | 4372   | 32430   | 44      | 13      | 3   | 3                                   | -           | -        | 1              | -           | -               | -      | 1          | -         | -  | 4  |                |                                   |
| 4   | Walthamstow H -                | 6520   | 28869   | 39      | 22      | 7   | 2                                   | -           | -        | -              | 2           | -               | 1      | -          | 1         | 2  | -  |                |                                   |
| 137:1   | Chigwell (part of)* H          | 11761  | 9839  | 11      | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Epping (W, pt. of)* -          | -  | -   | 3       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 139:1   | Romford (part of)* W           | 6730   | 3411  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 2   | Ilford -                       | 8493   | 7645  | 10      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |
| 3   | Barking Town -                 | 4127   | 9203  | 19      | 5       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -  | -  |                |                                   |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1265); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Catford and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 149: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 13th October, 1888.

| THE GREATER LONDON. | Area in Acres, including tidal water and foreshore. | Estimated Population, middle of 1888. | ANNUAL RATE of MORTALITY per 1000 living. |     | DEATHS from ALL CAUSES. | The DEATHS registered in the Week include |                                    |             |          |                |             |                 |        |           |           |                                |     |     |
|---------------------|---|---------------------------------------|---|-----|-------------------------|---|------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|-----------|-----------|--------------------------------|-----|-----|
|                     |   |                                       |   |     |                         | Deaths of                                 |                                    | Deaths from |          |                |             |                 |        |           |           |                                |     |     |
|                     |   |                                       |   |     |                         | Infants under 1 Year of Age.              | Persons aged 99 Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhea. | Violence. | Deaths in Public Institutions. |     |     |
|                     |   |                                       | 1.  | 2.  | 3.                      | 4.  | 5.                                 | 6.          | 7.       | 8.             | 9.          | 10.             | 11.    | 12.       | 13.       | 14.                            | 15. | 16. |
| GREATER LONDON      | 448,334   | 5,527,886                             | 17.9                                      | 2.1 | 1896                    | 485                                       | 427                                | -           | 59       | 36             | 34          | 19              | 17     | 57        | 67        | 380                            |     |     |
| GREATER LONDON -    | 77,410  | 4,282,921                             | 18.7                                      | 2.2 | 1536                    | 388                                       | 333                                | -           | 50       | 30             | 26          | 18              | 14     | 43        | 60        | 346                            |     |     |
| GREATER RING -      | 370,924   | 1,244,965                             | 15.0                                      | 1.7 | 360                     | 97  | 94                                 | -           | 9        | 6              | 8           | 1               | 3      | 14        | 7         | 34                             |     |     |

E.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 22 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                             |
|----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|--|
| CALCUTTA - -                     | 433,219                               | September 1                 | -                               | 168     | 20.2                               | Fevers 46; cholera 10.                                     |
| BOMBAY - -                       | 775,198                               | " 18                        | 280                             | 433     | 25.0                               | Fevers 110; cholera 17.                                    |
| MADRAS - -                       | 398,777                               | August 31                   | -                               | -       | -                                  | -  |
| PARIS - - -                      | 2,260,945                             | October 6                   | 1177                            | 846     | 19.5                               | Diph. & croup 24; typh. fev. 8; sm.-px. 2; diar. dis. 131. |
| BRUSSELS - - (with 8 Faubourgs.) | 462,069                               | " 6                         | 284                             | 181     | 20.4                               | Measles 3; diarrhoeal diseases 39.                         |
| AMSTERDAM -                      | 390,016                               | " 6                         | 221                             | 153     | 21.0                               | Measles 3; whooping-cough 3.                               |
| ROTTERDAM -                      | 193,658                               | " 6                         | 123                             | 63      | 16.8                               | -  |
| THE HAGUE -                      | 149,477                               | " 6                         | 100                             | 52      | 18.0                               | -  |
| COPENHAGEN -                     | 300,000                               | " 2                         | 181                             | 124     | 21.6                               | Diph. 3; typhd. fev. 2; diar. dis. 21.                     |
| STOCKHOLM -                      | 221,549                               | September 29                | 161                             | 58      | 13.6                               | Diphtheria and croup 4; diar. dis. 10.                     |
| CHRISTIANIA -                    | 135,600                               | October 6                   | 71                              | 38      | 14.6                               | Diphtheria and croup 5.                                    |
| ST. PETERSBURG                   | 842,883                               | September 29                | -                               | 425     | 26.3                               | Typh. & typhd. fev. 5; scar. fev. 8; diar. dis. 94.        |
| BERLIN - -                       | 1,438,006                             | " 22                        | 901                             | 596     | 21.6                               | Diphtheria 18; meas. 9; diar. dis. 148.                    |
| HAMBURG(State)                   | 550,694                               | " 29                        | 393                             | 226     | 21.4                               | Diphtheria and croup 11; typh. & typhd. fev. 3.            |
| DRESDEN - -                      | 259,142                               | " 29                        | 184                             | 89      | 17.9                               | Diphtheria and croup 5; diar. dis. 20.                     |
| BRESLAU - -                      | 313,451                               | October 6                   | 193                             | 171     | 29.0                               | Diphtheria 15; diarrhoeal diseases 26.                     |
| MUNICH - -                       | 275,000                               | September 29                | 180                             | 140     | 26.5                               | Scarlet fever 3; diarrhoeal diseases 41.                   |
| VIENNA - -                       | 800,836                               | " 29                        | 537                             | 291     | 19.0                               | Scar. fev. 3; diph. 3; diar. dis. 22.                      |
| PRAGUE - -                       | 295,857                               | " 29                        | -                               | 156     | 27.5                               | Small-pox 7; diph. 7; typhus and typhd. fev. 4.            |
| BUDA-PESTH -                     | 442,787                               | " 29                        | 322                             | 221     | 26.0                               | Diphtheria 3; typh. & typhd. fev. 7; diar. dis. 48.        |
| TRIESTE - -                      | 156,042                               | " 29                        | -                               | 71      | 23.7                               | Small-pox 4; diar. dis. 11.                                |
| ROME - - -                       | 388,300                               | August 25                   | 212                             | 164     | 22.0                               | Malarial fever 8; typhd. fev. 3; meas. 4.                  |
| TURIN (10 days)                  | 294,826                               | September 20                | 237                             | 142     | 17.6                               | Scarlet fev. 4; diph. 4; typhoid fever 2.                  |
| VENICE - - -                     | 150,502                               | " 29                        | 82                              | 44      | 15.3                               | Diphtheria and croup 3; typhoid fever 2.                   |
| CAIRO - - -                      | 374,838                               | " 20                        | 441                             | 356     | 49.6                               | Typhd. fev. 17; whooping-cough 5; diar. dis. 130.          |
| ALEXANDRIA -                     | 231,398                               | " 20                        | 200                             | 175     | 39.5                               | Typhd. fev. 3; diar. dis. 63.                              |
| NEW YORK - -                     | 1,493,000                             | " 22                        | -                               | 682     | 23.8                               | Scar. fev. 15; diph. 13; wh.-cgh. 21; diar. dis. 89.       |
| BROOKLYN - -                     | 774,870                               | " 22                        | -                               | 376     | 24.7                               | Diph. 12; typhd. fev. 7; diar. dis. 69.                    |
| PHILADELPHIA -                   | 1,016,758                             | " 22                        | -                               | 329     | 16.9                               | Typhd. fev. 23; diph. 5; wh.-cough 6.                      |
| BALTIMORE - -                    | 431,879                               | " 22                        | -                               | 147     | 17.8                               | Typhd. fev. 4; diph. 2; diar. dis. 20.                     |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 13TH OCTOBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.               |            |   | TEMPERATURE. |           |              |                   | Difference between the Air Temperature and Dew Point Temperature. |                   |               |        | TEMPERATURE.                         |           |                              |      | Wind as deduced from Anemometers. |                   |   |                                     | Rain collected in a Gauge whose receiving surface is above the level of the Ground. |     |     |     |      |
|---------------------|------------|---|--------------|-----------|--------------|-------------------|---|-------------------|---------------|--------|--------------------------------------|-----------|------------------------------|------|-----------------------------------|-------------------|---|-------------------------------------|---|-----|-----|-----|------|
| Phases of the Moon. | Barometer. | Mean daily temperature corrected for radiation and reduced to Fahrenheit. | Of the Air.  |           |              |                   | Of the Water of the Thames at Deptford.                           |                   | Of Radiation. |        | Oster's.                             |           | Pressure on the Square Foot. |      | Robinson's.                       |                   |   |                                     |   |     |     |     |      |
|                     |            |   | High. est.   | Low. est. | Daily Range. | Mean daily value. | De- parture from average of 30 years.                             | Mean daily value. | Great- est.   | Least. | High- est in the Shade on the Grass. | Low- est. | A.M.                         | P.M. | Great- est.                       | Mean of 24 hours. | Horizontal Movement of the Air on each Day. | Departure from Average of 10 Years. |   |     |     |     |      |
| OCTOBER.            |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   |   |                                     |   |     |     |     |      |
| SUN.                | 7          | Perigee.  | 49.2         | 32.5      | 16.7         | 41.0              | °   | °                 | °             | °      | °                                    | °         | °                            | °    | °                                 | °                 | °   | °                                   | in.   |     |     |     |      |
| MON.                | 8          | ..  | 53.1         | 27.9      | 25.2         | 40.3              | °   | °                 | °             | °      | °                                    | °         | °                            | °    | °                                 | °                 | °   | °                                   | 0.00  |     |     |     |      |
| TUES.               | 9          | ..  | 56.4         | 32.7      | 23.7         | 44.4              | °   | °                 | °             | °      | °                                    | °         | °                            | °    | °                                 | °                 | °   | °                                   | 0.00  |     |     |     |      |
| WED.                | 10         | ..  | 55.6         | 38.2      | 17.4         | 46.5              | °   | °                 | °             | °      | °                                    | °         | °                            | °    | °                                 | °                 | °   | °                                   | 0.00  |     |     |     |      |
| THURS.              | 11         | Greatest Rec. S.  | 55.1         | 42.1      | 13.0         | 47.1              | °   | °                 | °             | °      | °                                    | °         | °                            | °    | °                                 | °                 | °   | °                                   | 0.00  |     |     |     |      |
| FRI.                | 12         | First Qr.   | 59.2         | 41.7      | 17.5         | 50.1              | °   | °                 | °             | °      | °                                    | °         | °                            | °    | °                                 | °                 | °   | °                                   | 0.00  |     |     |     |      |
| SAT.                | 13         | ..  | 54.6         | 38.4      | 16.2         | 45.3              | °   | °                 | °             | °      | °                                    | °         | °                            | °    | °                                 | °                 | °   | °                                   | 0.00  |     |     |     |      |
| MEANS               | ..         | ..  | 54.7         | 36.2      | 18.5         | 45.0              | °   | °                 | °             | °      | °                                    | °         | °                            | °    | °                                 | °                 | °   | °                                   | 0.0   |     |     |     |      |
| No. of Col.         | 3          | 4   | 5            | 6         | 7            | 8                 | 9   | 10                | 11            | 12     | 13                                   | 14        | 15                           | 16   | 17                                | 18                | 19  | 20                                  | 21  |     |     |     |      |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 22  | 23                                  | 24  | 25  | 26  | 27  |      |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 28  | 29                                  | 30  | 31  | 32  | 33  | 34   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 35  | 36                                  | 37  | 38  | 39  | 40  | 41   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 42  | 43                                  | 44  | 45  | 46  | 47  | 48   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 49  | 50                                  | 51  | 52  | 53  | 54  | 55   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 56  | 57                                  | 58  | 59  | 60  | 61  | 62   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 63  | 64                                  | 65  | 66  | 67  | 68  | 69   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 70  | 71                                  | 72  | 73  | 74  | 75  | 76   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 77  | 78                                  | 79  | 80  | 81  | 82  | 83   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 84  | 85                                  | 86  | 87  | 88  | 89  | 90   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 91  | 92                                  | 93  | 94  | 95  | 96  | 97   |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 98  | 99                                  | 100   | 101 | 102 | 103 | 104  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 105   | 106                                 | 107   | 108 | 109 | 110 | 111  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 112   | 113                                 | 114   | 115 | 116 | 117 | 118  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 119   | 120                                 | 121   | 122 | 123 | 124 | 125  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 126   | 127                                 | 128   | 129 | 130 | 131 | 132  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 133   | 134                                 | 135   | 136 | 137 | 138 | 139  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 140   | 141                                 | 142   | 143 | 144 | 145 | 146  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 147   | 148                                 | 149   | 150 | 151 | 152 | 153  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 154   | 155                                 | 156   | 157 | 158 | 159 | 160  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 161   | 162                                 | 163   | 164 | 165 | 166 | 167  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 168   | 169                                 | 170   | 171 | 172 | 173 | 174  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 175   | 176                                 | 177   | 178 | 179 | 180 | 181  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 182   | 183                                 | 184   | 185 | 186 | 187 | 188  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 189   | 190                                 | 191   | 192 | 193 | 194 | 195  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 196   | 197                                 | 198   | 199 | 200 | 201 | 202  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 203   | 204                                 | 205   | 206 | 207 | 208 | 209  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 210   | 211                                 | 212   | 213 | 214 | 215 | 216  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 217   | 218                                 | 219   | 220 | 221 | 222 | 223  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 224   | 225                                 | 226   | 227 | 228 | 229 | 230  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 231   | 232                                 | 233   | 234 | 235 | 236 | 237  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 238   | 239                                 | 240   | 241 | 242 | 243 | 244  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 245   | 246                                 | 247   | 248 | 249 | 250 | 251  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 252   | 253                                 | 254   | 255 | 256 | 257 | 258  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 259   | 260                                 | 261   | 262 | 263 | 264 | 265  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 266   | 267                                 | 268   | 269 | 270 | 271 | 272  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 273   | 274                                 | 275   | 276 | 277 | 278 | 279  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 280   | 281                                 | 282   | 283 | 284 | 285 | 286  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 287   | 288                                 | 289   | 290 | 291 | 292 | 293  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 294   | 295                                 | 296   | 297 | 298 | 299 | 300  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 301   | 302                                 | 303   | 304 | 305 | 306 | 307  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 308   | 309                                 | 310   | 311 | 312 | 313 | 314  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 315   | 316                                 | 317   | 318 | 319 | 320 | 321  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 322   | 323                                 | 324   | 325 | 326 | 327 | 328  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 329   | 330                                 | 331   | 332 | 333 | 334 | 335  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 336   | 337                                 | 338   | 339 | 340 | 341 | 342  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 343   | 344                                 | 345   | 346 | 347 | 348 | 349  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 350   | 351                                 | 352   | 353 | 354 | 355 | 356  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 357   | 358                                 | 359   | 360 | 361 | 362 | 363  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 364   | 365                                 | 366   | 367 | 368 | 369 | 370  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 371   | 372                                 | 373   | 374 | 375 | 376 | 377  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 378   | 379                                 | 380   | 381 | 382 | 383 | 384  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 385   | 386                                 | 387   | 388 | 389 | 390 | 391  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 392   | 393                                 | 394   | 395 | 396 | 397 | 398  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 399   | 400                                 | 401   | 402 | 403 | 404 | 405  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 406   | 407                                 | 408   | 409 | 410 | 411 | 412  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 413   | 414                                 | 415   | 416 | 417 | 418 | 419  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 420   | 421                                 | 422   | 423 | 424 | 425 | 426  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 427   | 428                                 | 429   | 430 | 431 | 432 | 433  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 434   | 435                                 | 436   | 437 | 438 | 439 | 440  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 441   | 442                                 | 443   | 444 | 445 | 446 | 447  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 448   | 449                                 | 450   | 451 | 452 | 453 | 454  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 455   | 456                                 | 457   | 458 | 459 | 460 | 461  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 462   | 463                                 | 464   | 465 | 466 | 467 | 468  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 469   | 470                                 | 471   | 472 | 473 | 474 | 475  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 476   | 477                                 | 478   | 479 | 480 | 481 | 482  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 483   | 484                                 | 485   | 486 | 487 | 488 | 489  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 490   | 491                                 | 492   | 493 | 494 | 495 | 496  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 497   | 498                                 | 499   | 500 | 501 | 502 | 503  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 504   | 505                                 | 506   | 507 | 508 | 509 | 510  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 511   | 512                                 | 513   | 514 | 515 | 516 | 517  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 518   | 519                                 | 520   | 521 | 522 | 523 | 524  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 525   | 526                                 | 527   | 528 | 529 | 530 | 531  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 532   | 533                                 | 534   | 535 | 536 | 537 | 538  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 539   | 540                                 | 541   | 542 | 543 | 544 | 545  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 546   | 547                                 | 548   | 549 | 550 | 551 | 552  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 553   | 554                                 | 555   | 556 | 557 | 558 | 559  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 560   | 561                                 | 562   | 563 | 564 | 565 | 566  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 567   | 568                                 | 569   | 570 | 571 | 572 | 573  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 574   | 575                                 | 576   | 577 | 578 | 579 | 580  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 581   | 582                                 | 583   | 584 | 585 | 586 | 587  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 588   | 589                                 | 590   | 591 | 592 | 593 | 594  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 595   | 596                                 | 597   | 598 | 599 | 600 | 601  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 602   | 603                                 | 604   | 605 | 606 | 607 | 608  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 609   | 610                                 | 611   | 612 | 613 | 614 | 615  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 616   | 617                                 | 618   | 619 | 620 | 621 | 622  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 623   | 624                                 | 625   | 626 | 627 | 628 | 629  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 630   | 631                                 | 632   | 633 | 634 | 635 | 636  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 637   | 638                                 | 639   | 640 | 641 | 642 | 643  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 644   | 645                                 | 646   | 647 | 648 | 649 | 650  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 651   | 652                                 | 653   | 654 | 655 | 656 | 657  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 658   | 659                                 | 660   | 661 | 662 | 663 | 664  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 665   | 666                                 | 667   | 668 | 669 | 670 | 671  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 672   | 673                                 | 674   | 675 | 676 | 677 | 678  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 679   | 680                                 | 681   | 682 | 683 | 684 | 685  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 686   | 687                                 | 688   | 689 | 690 | 691 | 692  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 693   | 694                                 | 695   | 696 | 697 | 698 | 699  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 700   | 701                                 | 702   | 703 | 704 | 705 | 706  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 707   | 708                                 | 709   | 710 | 711 | 712 | 713  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 714   | 715                                 | 716   | 717 | 718 | 719 | 720  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 721   | 722                                 | 723   | 724 | 725 | 726 | 727  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 728   | 729                                 | 730   | 731 | 732 | 733 | 734  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 735   | 736                                 | 737   | 738 | 739 | 740 | 741  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 742   | 743                                 | 744   | 745 | 746 | 747 | 748  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 749   | 750                                 | 751   | 752 | 753 | 754 | 755  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 756   | 757                                 | 758   | 759 | 760 | 761 | 762  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 763   | 764                                 | 765   | 766 | 767 | 768 | 769  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 770   | 771                                 | 772   | 773 | 774 | 775 | 776  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 777   | 778                                 | 779   | 780 | 781 | 782 | 783  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 784   | 785                                 | 786   | 787 | 788 | 789 | 790  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 791   | 792                                 | 793   | 794 | 795 | 796 | 797  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 798   | 799                                 | 800   | 801 | 802 | 803 | 804  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 805   | 806                                 | 807   | 808 | 809 | 810 | 811  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 812   | 813                                 | 814   | 815 | 816 | 817 | 818  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 819   | 820                                 | 821   | 822 | 823 | 824 | 825  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 826   | 827                                 | 828   | 829 | 830 | 831 | 832  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 833   | 834                                 | 835   | 836 | 837 | 838 | 839  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 840   | 841                                 | 842   | 843 | 844 | 845 | 846  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 847   | 848                                 | 849   | 850 | 851 | 852 | 853  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 854   | 855                                 | 856   | 857 | 858 | 859 | 860  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 861   | 862                                 | 863   | 864 | 865 | 866 | 867  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 868   | 869                                 | 870   | 871 | 872 | 873 | 874  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 875   | 876                                 | 877   | 878 | 879 | 880 | 881  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 882   | 883                                 | 884   | 885 | 886 | 887 | 888  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 889   | 890                                 | 891   | 892 | 893 | 894 | 895  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 896   | 897                                 | 898   | 899 | 900 | 901 | 902  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 903   | 904                                 | 905   | 906 | 907 | 908 | 909  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 910   | 911                                 | 912   | 913 | 914 | 915 | 916  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 917   | 918                                 | 919   | 920 | 921 | 922 | 923  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 924   | 925                                 | 926   | 927 | 928 | 929 | 930  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 931   | 932                                 | 933   | 934 | 935 | 936 | 937  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 938   | 939                                 | 940   | 941 | 942 | 943 | 944  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 945   | 946                                 | 947   | 948 | 949 | 950 | 951  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 952   | 953                                 | 954   | 955 | 956 | 957 | 958  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 959   | 960                                 | 961   | 962 | 963 | 964 | 965  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 966   | 967                                 | 968   | 969 | 970 | 971 | 972  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 973   | 974                                 | 975   | 976 | 977 | 978 | 979  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 980   | 981                                 | 982   | 983 | 984 | 985 | 986  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 987   | 988                                 | 989   | 990 | 991 | 992 | 993  |
|                     |            |   |              |           |              |                   |   |                   |               |        |                                      |           |                              |      |                                   |                   | 994   | 995                                 | 996   | 997 | 998 | 999 | 1000 |

The height of the of the barometer is 159 feet above the mean level of the sea; no observation has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

—In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.93 in. at the beginning of the week to 30.04 in.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 42. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, OCTOBER 20. [Price 1½d.

General Register Office, Somerset House,  
22nd October, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·0 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |            |             |             | TOWNS.             | Weeks ending |            |             |             |
|--------------|--------------|------------|-------------|-------------|--------------------|--------------|------------|-------------|-------------|
|              | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. |                    | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. |
| Birkenhead   | 16·2         | 24·0       | 18·8        | 20·3        | Liverpool -        | 19·7         | 19·7       | 21·4        | 19·7        |
| Birmingham   | 15·1         | 15·0       | 17·2        | 20·7        | London -           | 16·0         | 16·5       | 18·7        | 20·0        |
| Blackburn -  | 20·6         | 24·1       | 22·4        | 29·8        | Manchester -       | 28·4         | 29·8       | 35·7        | 26·1        |
| Bolton -     | 27·1         | 27·6       | 28·0        | 26·7        | Newcastle-on-Tyne* | 19·7         | 21·7       | 24·0        | 22·6        |
| Bradford*    | 16·4         | 18·6       | 20·7        | 16·4        | Norwich -          | 20·1         | 18·9       | 19·5        | 21·2        |
| Brighton -   | 21·3         | 17·0       | 17·8        | 16·1        | Nottingham*        | 15·4         | 13·1       | 23·5        | 19·4        |
| Bristol -    | 15·2         | 14·1       | 16·8        | 18·9        | Oldham -           | 15·5         | 12·8       | 24·2        | 24·1        |
| Cardiff*     | 20·2         | 16·3       | 23·5        | 23·1        | Plymouth -         | 17·5         | 22·8       | 23·5        | 28·2        |
| Derby -      | 19·0         | 19·0       | 11·9        | 20·1        | Portsmouth -       | 27·7         | 20·9       | 22·8        | 20·6        |
| Halifax -    | 14·3         | 21·5       | 20·2        | 17·6        | Preston -          | 32·3         | 23·7       | 27·3        | 25·8        |
| Huddersfield | 13·7         | 14·3       | 28·5        | 18·3        | Salford*           | 25·6         | 19·8       | 26·7        | 26·5        |
| Hull -       | 16·2         | 19·6       | 21·7        | 16·5        | Sheffield -        | 25·0         | 22·9       | 23·4        | 23·0        |
| Leeds -      | 22·0         | 21·7       | 24·1        | 25·7        | Sunderland         | 16·2         | 17·0       | 24·9        | 29·3        |
| Leicester*   | 19·6         | 18·1       | 21·0        | 16·0        | Wolverhampton -    | 19·8         | 13·4       | 18·5        | 23·6        |

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·3 in Blackburn and in Wolverhampton, and 1·9 in Leeds; from *scarlet fever*, 1·6 in Sunderland and in Derby, and 2·6 in Blackburn; from *whooping-cough*, 1·0 in Cardiff; from "*fever*," 1·0 in Preston, 1·2 in Salford, 1·4 in Bolton, and 1·6 in Birkenhead; and from *diarrhoea*, 1·5 in Portsmouth, 2·5 in Preston, and 2·8 in Bolton. The 53 deaths from *diphtheria* in the twenty-eight towns included 36 in London, and 6 in Manchester. *Small-pox* did not cause a single death in any of the twenty-eight great towns.

### LONDON.

In LONDON† 2459 BIRTHS and 1641 DEATHS were registered. Allowing for increase of population, the births were 329 below, while the deaths exceeded by 30, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had increased in the four preceding weeks from 15·8 to 18·7, further rose last week to 20·0, and exceeded the rate recorded in any week since April last. During the first three weeks of the current quarter the death-rate averaged 18·4, and was 0·3 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1641 deaths included 80 from measles, 33 from scarlet fever, 36 from diphtheria, 12 from whooping-cough, 19 from enteric fever, 1 from an ill-defined form of continued fever, 42 from diarrhoea and dysentery, and not one from small-pox, typhus, or cholera; thus, 223 deaths were referred to these diseases, being 19 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 4; and no small-pox patients were under treatment in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital during the week. The fatal cases of *measles*, which had been 30, 39, and 50 in the three preceding weeks, further rose last week to 80, and exceeded the corrected average by 54; 8 belonged to Marylebone, 10 to Pancras, 8 to Shoreditch, 6 to Bethnal Green, 7 to Stepney, and 9 to Poplar sanitary areas. The 33 deaths from *scarlet fever* also showed an increase upon recent weekly numbers, but were 22 below the corrected average; 3 belonged to St. George Hanover Square, 3 to Pancras, 7 to Bethnal Green (of which but one occurred in hospital), and 3 to Lambeth sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 1003 scarlet fever patients, against numbers increasing in the eight preceding weeks from 774 to 983; 101 cases were admitted during the week, against 92 and 119 in the two previous weeks. The 36 fatal cases of *diphtheria* exceeded the number returned in any recent week, and were 14 above the corrected average; 8 belonged to Kensington, 2 to Paddington, 2 to St. George Hanover Square, 2 to Islington, 2 to Whitechapel, 2 to Poplar, and 5 to Lambeth sanitary areas. The 12 fatal cases of *whooping-cough* showed a decline of 6 from the number in the previous week, and were 15 below the corrected average. The deaths attributed to *diarrhoea* and *dysentery*, which had declined in the eight preceding weeks from 192 to 43, were last week 42, and exceeded the corrected average by 2; 34 were of children under five years of age, including 24 of infants under one year of age.

The deaths referred to *enteric fever*, which had been 8 and 13 in the two preceding weeks, further rose last week to 19, but were 7 below the corrected average; 2 belonged to Pancras, and 2 to Lambeth sanitary areas. The death of a child aged 21 months in Clerkenwell was indefinitely referred to "continued fever, diarrhoea." The Metropolitan Asylum Hospitals contained 78 cases of enteric fever, and 2 of typhus, on Saturday last; 9 cases of enteric fever were admitted during the week, against 5 and 11 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the seven preceding weeks from 130 to 311, further rose last week to 364, and exceeded the corrected average by 18.

Different forms of violence caused 51 deaths; 45 were the result of negligence or accident, among which were 18 from fractures and contusions, 6 from burns and scalds, 4 from drowning, 3 from poison, and 10 of infants under one year of age from suffocation. The 18 deaths from fractures and contusions were thus caused:—7 by accidents from vehicles in street; 1 by kick of mule; 2 by accidents on railway; 1 by fall on pavement; 1 by fall through skylight; 1 by fall into basement; 1 by fall in room; 1 by fall from window; 1 by jumping from window during a conflagration; 1 by fall, the nature of which was not stated; and 1 by injuries received on board a steamship during a storm. An inquest was held in each of these 18 cases. Six cases of suicide were registered, corresponding with the corrected average.

#### GREATER LONDON.

In Greater London 3233 births and 2004 deaths were registered, corresponding to annual rates of 30·5 and 18·9 per 1000 of the estimated population. In the Outer Ring 10 deaths from diarrhoea, 8 from diphtheria, 5 from measles, and 5 from whooping-cough, were registered. The 8 deaths from diphtheria included 2 in Godstone, 2 in West Ham, and 2 in Walthamstow sub-districts. Both measles and scarlet fever also caused 2 deaths in West Ham sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·12 ins.; the lowest reading was 29·82 ins. at the beginning of the week and the highest 30·23 ins. at the end of the week. The mean temperature of the *air* was 43°·5, and 7°·5 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on each day of the week, the coldest days being Sunday and Monday. The direction of the *wind* was variable and the horizontal movement of the air averaged 6·3 miles per hour, which was 4·5 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright sunshine in the week was 24·5 hours, against 35·2 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1886. | Registered during<br>the Week ending<br>20th Oct., 1888. |         |                                    | The Deaths registered in the Week include |    |     |    |            |          |                   |             |                     |        | TEMPERATURE OF THE AIR.  |           |                |                                      |            |                      |                                  |                     |                                 |          | RAINFALL.      |       | CITIES-<br>AND<br>BOROUGH. |
|---------------------------|---|--|---------|------------------------------------|---|----|-----|----|------------|----------|-------------------|-------------|---------------------|--------|--------------------------|-----------|----------------|--------------------------------------|------------|----------------------|----------------------------------|---------------------|---------------------------------|----------|----------------|-------|----------------------------|
|                           |   | Births.  | Deaths. | Infants under<br>1 Year of<br>Age. | Deaths of                                 |    |     |    |            |          |                   |             |                     |        | Temperature of this Air. |           |                |                                      | In Inches. | In Centi-<br>metres. |                                  |                     |                                 |          |                |       |                            |
|                           |   |  |         |                                    | Persons aged<br>60 Years<br>and upwards.  | 4. | 5.  | 6. | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea.               | Violence. | Inquest Cases. | Deaths in<br>Public<br>Institutions. |            |                      | Unidentified<br>Causes of Death. | From All<br>Causes. | From<br>Deaths in<br>Colls, &c. | Highest. | Lowest.        | Mean. |                            |
| Cols.                     | 1.  | 2.   | 3.      | 4.                                 | 5.  | 6. | 7.  | 8. | 9.         | 10.      | 11.               | 12.         | 13.                 | 14.    | 15.                      | 16.       | 17.            | 18.                                  | 19.        | 20.                  | 21.                              | 22.                 | 23.                             | 24.      | Cols.          |       |                            |
| 28 Towns.*                | 9,398,273   | 5582   | 3780    | 1016                               | 813                                       | -  | 122 | 63 | 53         | 40       | 58                | 129         | 118                 | 241    | 601                      | 74        | 210            | 26                                   | 610        | 270                  | 448                              | 711                 | 000                             | 000      | - 28 Towns.    |       |                            |
| LONDON*                   | 4,282,921   | 2459   | 1641    | 397                                | 370                                       | -  | 80  | 33 | 36         | 12       | 20                | 42          | 51                  | 109    | 367                      | 20        | 200            | 27                                   | 557        | 314                  | 435                              | 639                 | 000                             | 000      | LONDON.        |       |                            |
| BRIGHTON                  | 119,963   | 50   | 37      | 8                                  | 15  | -  | -   | -  | -          | 1        | 1                 | -           | 2                   | 2      | 6                        | 2         | 161            | 09                                   | 540        | 338                  | 452                              | 733                 | 000                             | 000      | BRIGHTON.      |       |                            |
| PORTSMOUTH                | 189,575   | 83   | 55      | 13                                 | 12  | -  | 3   | -  | -          | -        | -                 | -           | -                   | -      | 1                        | 1         | 212            | -                                    | -          | -                    | -                                | -                   | -                               | -        | PORTSMOUTH.    |       |                            |
| NORWICH                   | 38,675  | 62   | 38      | 6                                  | 14  | -  | -   | -  | -          | 1        | 1                 | -           | -                   | -      | 1                        | -         | 282            | 20                                   | 580        | 345                  | 481                              | 894                 | 000                             | 000      | NORWICH.       |       |                            |
| PLYMOUTH                  | 77,674  | 54   | 42      | 11                                 | 15  | -  | -   | -  | -          | -        | -                 | 2           | 1                   | -      | 13                       | 1         | 189            | 14                                   | 595        | 305                  | 439                              | 631                 | 000                             | 000      | PLYMOUTH.      |       |                            |
| BRISTOL                   | 226,510   | 147  | 82      | 18                                 | 25  | -  | 2   | -  | 1          | -        | -                 | 4           | 5                   | 11     | 13                       | 2         | 236            | 20                                   | 552        | 312                  | 420                              | 556                 | 000                             | 000      | BRISTOL.       |       |                            |
| WOLVERHAMPTON             | 81,691  | 55   | 37      | 10                                 | 7   | -  | -   | -  | 1          | -        | -                 | 1           | 1                   | 3      | 2                        | 2         | 236            | 20                                   | 552        | 312                  | 420                              | 556                 | 000                             | 000      | WOLVERHAMPTON. |       |                            |
| BIRMINGHAM                | 447,912   | 259  | 178     | 52                                 | 35  | -  | 5   | -  | 1          | 3        | 1                 | 7           | 6                   | 14     | 26                       | 5         | 207            | 20                                   | -          | -                    | -                                | -                   | -                               | -        | BIRMINGHAM.    |       |                            |
| LEICESTER*                | 146,790   | 78   | 45      | 13                                 | 10  | -  | 1   | -  | 1          | 1        | -                 | -           | 3                   | 7      | 5                        | 2         | 160            | 11                                   | -          | -                    | -                                | -                   | -                               | -        | LEICESTER.     |       |                            |
| NOTTINGHAM*               | 236,921   | 138  | 86      | 24                                 | 22  | -  | 1   | -  | 1          | -        | 2                 | 5           | 1                   | 4      | 8                        | 1         | 194            | 20                                   | 588        | 285                  | 422                              | 567                 | 000                             | 000      | NOTTINGHAM.    |       |                            |
| DERBY                     | 46,241  | 56   | 37      | 11                                 | 11  | -  | -   | 3  | -          | -        | -                 | -           | -                   | 1      | 3                        | 5         | -              | 201                                  | 16         | -                    | -                                | -                   | -                               | -        | DERBY.         |       |                            |
| BIRKENHEAD                | 100,093   | 54   | 39      | 14                                 | 5   | -  | -   | 1  | 1          | 1        | 3                 | -           | 1                   | 4      | 7                        | 1         | 203            | 31                                   | -          | -                    | -                                | -                   | -                               | -        | BIRKENHEAD.    |       |                            |
| LIVERPOOL                 | 592,738   | 351  | 226     | 61                                 | 42  | -  | 6   | 4  | 1          | 6        | 3                 | 8           | 12                  | 16     | 38                       | 8         | 197            | 24                                   | 552        | 371                  | 466                              | 811                 | 000                             | 000      | LIVERPOOL.     |       |                            |
| VOLTON                    | 113,506   | 67   | 58      | 18                                 | 13  | -  | -   | 2  | 1          | 1        | 3                 | 6           | 1                   | 1      | 4                        | 3         | 267            | 60                                   | -          | -                    | -                                | -                   | -                               | -        | ROLTON.        |       |                            |
| MANCHESTER                | 378,164   | 249  | 189     | 57                                 | 31  | -  | 3   | 2  | 6          | 4        | 5                 | 9           | 3                   | 9      | 29                       | 5         | 261            | 40                                   | -          | -                    | -                                | -                   | -                               | -        | MANCHESTER.    |       |                            |
| SALFORD*                  | 226,336   | 133  | 115     | 39                                 | 15  | -  | 2   | 1  | 1          | 3        | 5                 | 6           | 3                   | 3      | 15                       | 4         | 265            | 41                                   | -          | -                    | -                                | -                   | -                               | -        | SALFORD.       |       |                            |
| OLDHAM                    | 138,220   | 73   | 55      | 21                                 | 8   | -  | -   | -  | -          | -        | -                 | 3           | 2                   | 4      | 2                        | 3         | 241            | 11                                   | -          | -                    | -                                | -                   | -                               | -        | OLDHAM.        |       |                            |
| BLACKBURN                 | 119,039   | 73   | 68      | 19                                 | 13  | -  | 3   | 6  | -          | 2        | 1                 | 1           | 1                   | -      | 4                        | 1         | 298            | 57                                   | -          | -                    | -                                | -                   | -                               | -        | BLACKBURN.     |       |                            |
| PRESTON                   | 103,234   | 75   | 51      | 16                                 | 8   | -  | -   | -  | 1          | -        | 2                 | 5           | 1                   | 3      | 1                        | 1         | 258            | 40                                   | -          | -                    | -                                | -                   | -                               | -        | PRESTON.       |       |                            |
| HUDDESFIELD               | 91,419  | 43   | 32      | 6                                  | 7   | -  | 2   | -  | -          | -        | -                 | -           | 3                   | 5      | 3                        | -         | 183            | 23                                   | -          | -                    | -                                | -                   | -                               | -        | HUDDESFIELD.   |       |                            |
| HALEFAX                   | 80,138  | 39   | 27      | 7                                  | 10  | -  | -   | -  | -          | -        | -                 | -           | 1                   | 2      | 4                        | -         | 176            | 00                                   | -          | -                    | -                                | -                   | -                               | -        | HALEFAX.       |       |                            |
| BRADFORD*                 | 229,721   | 115  | 72      | 23                                 | 19  | -  | -   | -  | -          | 1        | 4                 | 2           | -                   | 2      | 5                        | -         | 164            | 16                                   | 550        | 353                  | 461                              | 788                 | 000                             | 000      | BRADFORD.      |       |                            |
| LEEDS                     | 351,210   | 246  | 173     | 59                                 | 22  | -  | 13  | 2  | -          | 2        | 2                 | 6           | 9                   | 20     | 14                       | 4         | 257            | 37                                   | -          | -                    | -                                | -                   | -                               | -        | LEEDS.         |       |                            |
| SHEFFIELD                 | 321,711   | 200  | 142     | 42                                 | 36  | -  | 1   | 2  | -          | -        | 1                 | 7           | 3                   | 4      | 14                       | 4         | 230            | 18                                   | -          | -                    | -                                | -                   | -                               | -        | SHEFFIELD.     |       |                            |
| HULL                      | 202,359   | 140  | 64      | 17                                 | 18  | -  | -   | -  | -          | -        | -                 | -           | 1                   | 1      | 3                        | 4         | 165            | 05                                   | 610        | 270                  | 449                              | 717                 | 000                             | 000      | HULL.          |       |                            |
| SUNDERLAND                | 181,919   | 99   | 74      | 23                                 | 12  | -  | 4   | 1  | 1          | -        | 2                 | 3           | 1                   | 2      | 5                        | 1         | 226            | 40                                   | 540        | 360                  | 444                              | 689                 | 000                             | 000      | SUNDERLAND.    |       |                            |
| NEWCASTLE*                | 159,063   | 98   | 69      | 15                                 | 11  | -  | 1   | -  | 1          | 1        | -                 | 2           | 4                   | 4      | 9                        | 1         | 226            | 13                                   | 540        | 370                  | 460                              | 778                 | 000                             | 000      | NEWCASTLE.     |       |                            |
| CARDIFF*                  | 108,570   | 86   | 48      | 16                                 | 7   | -  | -   | -  | -          | -        | -                 | 3           | 2                   | 5      | 4                        | 1         | 231            | 24                                   | -          | -                    | -                                | -                   | -                               | -        | CARDIFF.       |       |                            |
| EDINBURGH                 | 262,733   | 156  | 80      | 17                                 | 12  | -  | -   | -  | 3          | -        | 1                 | 1           | 5                   | ?      | 23                       | 16        | 159            | 10                                   | 568        | 372                  | 486                              | 922                 | 000                             | 000      | EDINBURGH.     |       |                            |
| GLASGOW                   | 526,088   | 384  | 215     | 56                                 | 30  | -  | 1   | 6  | 3          | 4        | 5                 | 10          | 8                   | ?      | 28                       | 30        | 213            | 29                                   | -          | -                    | -                                | -                   | -                               | -        | GLASGOW.       |       |                            |
| DUBLIN                    | 363,082   | 183  | 164     | 27                                 | 43  | -  | 1   | 1  | 1          | 6        | 7                 | 7           | 3                   | 4      | 42                       | 18        | 242            | 34                                   | 600        | 308                  | 468                              | 822                 | 000                             | 000      | DUBLIN.        |       |                            |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-SECOND Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2558 | 2637 | 2962 | 2681 | 2358 | 2370 | 2812 | 2572 | 2647 | 2568 | 2787·8   | 2459 |
| Males . .           | 1287 | 1335 | 1219 | 1353 | 1209 | 1217 | 1436 | 1282 | 1352 | 1304 | 1417·0   | 1280 |
| Females .           | 1271 | 1302 | 1143 | 1328 | 1149 | 1153 | 1376 | 1290 | 1295 | 1264 | 1370·8   | 1179 |
| <b>TOTAL Deaths</b> | 1369 | 1499 | 1518 | 1586 | 1444 | 1408 | 1517 | 1453 | 1406 | 1566 | 1610·7   | 1641 |
| Males . .           | 707  | 778  | 797  | 842  | 736  | 722  | 777  | 742  | 714  | 809  | 831·3  | 854  |
| Females .           | 662  | 721  | 721  | 744  | 708  | 686  | 740  | 716  | 692  | 757  | 779·4  | 787  |

\*The numbers in this column are the average weekly numbers in the forty-second weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | July<br>28. | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. |
|--|-------------|------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|------------|-------------|-------------|
| <b>TOTAL Births</b> - -                        | 2353        | 2530       | 2228        | 2604        | 2401        | 2538        | 2475        | 2488         | 2463         | 2395         | 2413       | 2588        | 2459        |
| <b>TOTAL Deaths</b> - -                        | 1308        | 1309       | 1476        | 1330        | 1438        | 1342        | 1316        | 1330         | 1298         | 1314         | 1352       | 1536        | 1641        |
| 0-20 - -                                       | 670         | 726        | 816         | 713         | 838         | 730         | 701         | 666          | 650          | 663          | 676        | 720         | 777         |
| 20-40 - -                                      | 155         | 131        | 174         | 173         | 134         | 159         | 145         | 159          | 177          | 176          | 165        | 219         | 197         |
| 40-60 - -                                      | 206         | 205        | 228         | 177         | 202         | 208         | 205         | 225          | 233          | 199          | 234        | 264         | 297         |
| 60-80 - -                                      | 217         | 195        | 217         | 217         | 221         | 224         | 223         | 235          | 197          | 225          | 224        | 273         | 297         |
| at 80 years & upwds.                           | 60          | 52         | 41          | 50          | 39          | 41          | 42          | 45           | 41           | 46           | 49         | 60          | 73          |
| Deaths of children { Under 1 year - -          | 385         | 449        | 493         | 444         | 500         | 441         | 426         | 407          | 385          | 395          | 370        | 388         | 397         |
| { 1-5 - -                                      | 186         | 200        | 233         | 187         | 260         | 219         | 202         | 195          | 184          | 185          | 208        | 263         | 277         |
| { 5-20 - -                                     | 99          | 77         | 90          | 82          | 78          | 70          | 73          | 64           | 81           | 88           | 98         | 69          | 103         |
| Deaths from Small-pox - -                      | -           | -          | -           | -           | -           | -           | -           | -            | -            | -            | -          | -           | -           |
| " " Measles - -                                | 40          | 29         | 51          | 33          | 47          | 39          | 26          | 27           | 32           | 30           | 39         | 50          | 50          |
| " " Scarlet fever - -                          | 23          | 18         | 17          | 17          | 21          | 15          | 19          | 24           | 20           | 22           | 24         | 30          | 33          |
| " " Diphtheria - -                             | 21          | 19         | 25          | 13          | 17          | 23          | 18          | 18           | 24           | 27           | 35         | 26          | 36          |
| " " Whooping-cough - -                         | 30          | 25         | 27          | 20          | 28          | 24          | 32          | 31           | 22           | 13           | 5          | 18          | 12          |
| " " Typhus - -                                 | -           | -          | -           | 2           | -           | -           | -           | -            | -            | -            | 1          | -           | -           |
| " " Enteric fever - -                          | 15          | 9          | 6           | 2           | 7           | 10          | 11          | 12           | 11           | 13           | 8          | 13          | 19          |
| " " Simple Contag. fever - -                   | 1           | -          | 1           | 1           | -           | 1           | 1           | 1            | -            | -            | -          | 1           | 1           |
| " " Diarrhœa and } Dysentery - -               | 89          | 121        | 133         | 162         | 192         | 144         | 131         | 122          | 78           | 77           | 72         | 43          | 42          |
| " " Cholera - -                                | 4           | 4          | 5           | 4           | 7           | 2           | 3           | 1            | 4            | -            | -          | 2           | -           |
| Deaths from the above-mentioned Diseases } - - | 223         | 225        | 270         | 254         | 319         | 258         | 241         | 236          | 191          | 182          | 134        | 183         | 223         |
| " " Dis. of Respiratory System } - -           | 160         | 167        | 183         | 167         | 172         | 130         | 148         | 184          | 179          | 213          | 239        | 311         | 364         |
| " " Phthisis - -                               | 117         | 123        | 131         | 134         | 108         | 125         | 122         | 132          | 146          | 117          | 150        | 175         | 180         |
| " " Dis. of Circulatory System } - -           | 92          | 93         | 123         | 85          | 84          | 91          | 109         | 93           | 114          | 112          | 111        | 138         | 152         |
| Violent Deaths - -                             | 63          | 49         | 56          | 47          | 47          | 53          | 32          | 61           | 69           | 61           | 51         | 60          | 51          |
| Inquest Cases - -                              | 89          | 97         | 100         | 91          | 87          | 88          | 71          | 103          | 112          | 101          | 94         | 116         | 109         |
| Deaths in Public Institutions - -              | 305         | 260        | 341         | 296         | 303         | 292         | 296         | 312          | 293          | 325          | 307        | 346         | 367         |
| TEMPERATURE OF THE AIR - -                     | 60·3        | 56·9       | 63·9        | 56·4        | 60·0        | 56·6        | 57·1        | 54·5         | 57·2         | 55·8         | 42·7       | 45·0        | 43·5        |
| Mean - -                                       | 60·3        | 56·9       | 63·9        | 56·4        | 60·0        | 56·6        | 57·1        | 54·5         | 57·2         | 55·8         | 42·7       | 45·0        | 43·5        |
| Mean of Highest readings - -                   | 69·9        | 67·5       | 75·2        | 67·1        | 70·2        | 66·4        | 65·9        | 66·3         | 66·3         | 55·2         | 52·6       | 54·7        | 53·4        |
| Mean of Lowest readings - -                    | 53·8        | 50·4       | 54·3        | 48·6        | 51·8        | 48·4        | 51·2        | 44·7         | 50·0         | 49·9         | 33·5       | 36·2        | 34·4        |
| Humidity of the Air - -                        | 81          | 87         | 75          | 77          | 82          | 81          | 83          | 83           | 81           | 90           | 82         | 79          | 87          |
| Fain-fall in inches - -                        | 1·11        | 4·29       | 0·11        | 0·00        | 0·81        | 1·22        | 0·16        | 0·06         | 0·00         | 0·51         | 0·11       | 0·02        | 0·00        |
| Registered Sunshine (in hours) - -             | 34·8        | 22·0       | 47·5        | 27·8        | 29·2        | 32·2        | 20·8        | 42·4         | 32·6         | 12·7         | 33·0       | 24·6        | 24·5        |

\*The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Barnard, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McManusborough, Esq., F.R.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 2. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SECOND Week of the Year 1888.

| USES OF DEATH. | Corrected Averages for the 42nd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 20th October 1888. |           |      |       |                  |                  |                  |                       |  |  | CAUSES OF DEATH.                            | Corrected Averages for the 42nd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 20th October 1883. |   |   |   |   |   |   |   |  |  |      |      |       |      |      |       |                  |                  |                  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                |   | Deaths of Persons of the Ages                   |           |      |       |                  |                  |                  |                       |  |  |   |   | Deaths of Persons of the Ages                   |   |   |   |   |   |   |   |  |  |      |      |       |      |      |       |                  |                  |                  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                |   | ALL AGES.                                       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |  |   |   |   |   |   |   |   |   |   |   |  |  |      |      |       |      |      |       |                  |                  |                  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |  |   |   |   |   |   |   |   |   |   |   |  |  | 0-1. | 1-5. | 5-20. | 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| L CAUSES -     | 1610·7  | 1641  | 397       | 277  | 103   | 197              | 297              | 297              | 73                    |  |  | Diseases of Organs of Special Sense † - - } | 2·6   | 6   | 3 | 1 | 1 | 1 | - | - | - |  |  |      |      |       |      |      |       |                  |                  |                  |                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan and H.M. Hospitals, outside Registration London (see Table 5).  
The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9·045 per cent. for increase of population.  
As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.  
Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical man, the case is returned under the heading "no statement."  
The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, or suicide. All such cases are classed under "accident or negligence."



TABLE 3. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, SORE THROAT, and from other Causes during the Week ending

| The DEATHS registered in the Week include                                   |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    |                                   |
|---|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|----|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    | Deaths in Public<br>Institutions. |
|   |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 10<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Euteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |    |                                   |
| LONDON . . . . .  | 3,815,704                                    | 2459                                | 1641                                | 397                             | 370                                 | -          | 80       | 33             | 36          | 12              | -       | 19                             | 1                            | 42         | 51        | 109 | 36 |                                   |
| West Districts . . . . .  | 669,633                                      | 371                                 | 270                                 | 63                              | 65                                  | -          | 17       | 5              | 14          | 2               | -       | 3                              | -                            | 7          | 9         | 17  | 7  |                                   |
| North Districts . . . . .   | 905,947                                      | 550                                 | 323                                 | 83                              | 61                                  | -          | 19       | 9              | 4           | 1               | -       | 9                              | -                            | 7          | 13        | 29  | 6  |                                   |
| Central Districts . . . . .   | 282,238                                      | 128                                 | 120                                 | 24                              | 29                                  | -          | 3        | 2              | 4           | 2               | -       | 2                              | 1                            | 3          | 5         | 12  | 3  |                                   |
| East Districts . . . . .  | 692,738                                      | 495                                 | 380                                 | 96                              | 80                                  | -          | 33       | 6              | 5           | 1               | -       | 2                              | -                            | 7          | 13        | 25  | 8  |                                   |
| South Districts . . . . .   | 1,365,143                                    | 915                                 | 548                                 | 131                             | 125                                 | -          | 8        | 11             | 9           | 6               | -       | 3                              | -                            | 18         | 11        | 26  | 9  |                                   |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| WEST DISTRICTS.   |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    |                                   |
| St. Mary Paddington WHH G.J. & W.M.   | 69883  | 52                                  | 30                                  | 10                              | 3                                   | -          | 3        | -              | 2           | -               | -       | -                              | -                            | 2          | 1         | 1   | 4  |                                   |
| St. John Paddington H - - G.J.  | 37330  | 8                                   | 14                                  | 2                               | 5                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | 7  |                                   |
| Kensington Town Ww - - W.M.   | 120141                                       | 53                                  | 37                                  | 9                               | 17                                  | -          | 4        | -              | 7           | -               | -       | 1                              | -                            | 1          | 3         | 5   | 23 |                                   |
| Brompton HH - - W.M. & C.   | 43010  | 10                                  | 13                                  | 2                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 4  |                                   |
| St. Peter Hammersmith - - W.M.  | 7399   | 5                                   | 3                                   | 2                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1   | 4  |                                   |
| St. Paul Hammersmith H W.M. & G.J.  | 64340  | 56                                  | 35                                  | 15                              | 7                                   | -          | 1        | 1              | 1           | -               | -       | -                              | -                            | 1          | -         | 1   | 4  |                                   |
| Fulham Ww - - W.M. & C.   | 42900  | 60                                  | 26                                  | 8                               | 4                                   | -          | 4        | -              | -           | -               | -       | 1                              | -                            | 1          | 1         | 1   | 4  |                                   |
| Chelsea South HHH - - C.  | 30396  | 21                                  | 15                                  | 4                               | 3                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 4   | 2  |                                   |
| Chelsea North-west WHHHH- C.  | 24925  | 17                                  | 17                                  | 1                               | 4                                   | -          | 1        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -   | 10 |                                   |
| Chelsea North-east - - C.   | 32307  | 19                                  | 8                                   | 1                               | 1                                   | -          | 2        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   | 6  |                                   |
| May Fair Ww - - G.J.  | 30353  | 3                                   | 9                                   | 2                               | 5                                   | -          | -        | 3              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 6  |                                   |
| Belgrave WHHH- - - C.   | 59220  | 18                                  | 22                                  | 5                               | 4                                   | -          | -        | 3              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 10 |                                   |
| St. John Westminster HHH - C.   | 35496  | 24                                  | 8                                   | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   | 3  |                                   |
| St. Margaret Westminster H - C.   | 24379  | 5                                   | 4                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1  |                                   |
| St. James Westminster WHH N.R. & G.J.                                       | 29941  | 12                                  | 6                                   | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | -  |                                   |
| St. Anne Soho HHHHHHH - N.R.  | 16603  | 8                                   | 3                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1  |                                   |
| NORTH DISTRICTS.  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    |                                   |
| All Souls Marylebone HHHH - W.M.  | 26739  | 9                                   | 17                                  | 2                               | 5                                   | -          | -        | -              | 2           | -               | -       | 1                              | -                            | -          | -         | -   | 6  |                                   |
| Cavendish Square HHHH - W.M.  | 14311  | 6                                   | 2                                   | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | 2   | 4  |                                   |
| Rectory Marylebone WH G.J. & W.M.   | 24809  | 10                                  | 6                                   | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 1  |                                   |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118  | 33                                  | 6                                   | 3                               | 1                                   | -          | -        | 6              | -           | -               | -       | -                              | -                            | 1          | -         | -   | 4  |                                   |
| St. Mary Marylebone H - W.M.  | 33700  | 14                                  | 13                                  | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Christchurch Marylebone H - W.M.  | 33633  | 11                                  | 10                                  | 2                               | 1                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| St. John Marylebone H - W.M.  | 45452  | 23                                  | 20                                  | 3                               | 4                                   | -          | 1        | 3              | -           | -               | -       | 1                              | -                            | -          | -         | 2   | 7  |                                   |
| Hampstead WwHHHH N.R. & W.M.  | 39115  | 19                                  | 7                                   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -  |                                   |
| Regent's Park Pancras H - W.M.  | 39115  | 19                                  | 7                                   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -  |                                   |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 10                                  | 17                                  | 1                               | 5                                   | -          | -        | -              | -           | -               | -       | 2                              | -                            | -          | 1         | 2   | 13 |                                   |
| Gray's Inn Lane HHH - - N.R.  | 30247  | 13                                  | 14                                  | 4                               | 3                                   | -          | 4        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | 1  |                                   |
| Somers Town H - - N.R.  | 34339  | 10                                  | 9                                   | 3                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | 2   | 4  |                                   |
| Camden Town WH - - N.R.   | 17311  | 69                                  | 26                                  | 6                               | 4                                   | -          | 4        | -              | 1           | -               | -       | 1                              | -                            | 1          | -         | -   | 4  |                                   |
| Kenish Town W - - N.R.  | 37437  | 48                                  | 34                                  | 8                               | 8                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 5   | 10 |                                   |
| Upper Holloway WwWH - - N.R.  | 67946  | 72                                  | 25                                  | 9                               | 4                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | 1          | -         | -   | -  |                                   |
| Islington South-west HH - N.R.  | 100376                                       | 36                                  | 12                                  | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Islington South-east - - N.R.   | 61825  | 31                                  | 14                                  | 4                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1   | -  |                                   |
| Highbury H - - N.R.   | 52043  | 31                                  | 14                                  | 4                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Stoke Newington H - - N.R.  | 22781  | 14                                  | 8                                   | 4                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Stamford Hill - - E.L.  | 9277   | 13                                  | 4                                   | -                               | -                                   | -          | -        | 1              | 1           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| West Hackney H - - N.R.   | 37610  | 20                                  | 7                                   | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 1  |                                   |
| Hackney WwWH - - E.L. & N.R.  | 76911  | 48                                  | 40                                  | 8                               | 9                                   | -          | 0        | -              | -           | -               | -       | 2                              | -                            | 3          | 5         | 16  | -  |                                   |
| South Hackney - - E.L.  | 39383  | 29                                  | 19                                  | 10                              | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 2          | 1         | 3   | -  |                                   |
| CENTRAL DISTRICTS.  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |     |    |                                   |
| St. George Bloomsbury - - N.R.  | 16381  | 7                                   | 3                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   | -  |                                   |
| St. Giles South WH - - N.R.   | 14864  | 1                                   | 10                                  | 4                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 4  |                                   |
| St. Giles North - - N.R.  | 13837  | 8                                   | 1                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508  | 1                                   | 5                                   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | 3  |                                   |
| St. Mary-le-Strand H - - N.R.   | 7515   | 1                                   | 10                                  | 1                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1   | 1  |                                   |
| St. Clement Danes H - - N.R.  | 8559   | 4                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | 1               | -       | 1                              | -                            | -          | 2         | 6   | 1  |                                   |
| Strand Union Workhouse, Edmonton w.   | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| St. Geo. the Martyr HHHHHH N.R.   | 18671  | 10                                  | 10                                  | 2                               | 1                                   | -          | -        | 1              | -           | 1               | -       | -                              | -                            | -          | 1         | 1   | 6  |                                   |
| St. Andrew Eastern W - - N.R.   | 10706  | 5                                   | 6                                   | -                               | 4                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Saffron Hill H - - N.R.   | 6533   | 2                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| St. James Clerkenwell - - N.R.  | 17516  | 4                                   | 5                                   | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Amwell Clerkenwell - - N.R.   | 19281  | 11                                  | 13                                  | 2                               | 4                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Pentonville - - N.R.  | 14773  | 11                                  | 10                                  | 3                               | -                                   | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Goswell-street - - N.R.   | 17506  | 15                                  | 4                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -   | -  |                                   |
| Old-street H - - N.R.   | 11541  | 5                                   | 4                                   | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   | -  |                                   |
| City-road HHL - - N.R.  | 18623  | 21                                  | 7                                   | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1  |                                   |
| Whitecross-street - - N.R.  | 9217   | 5                                   | 3                                   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Finsbury - - N.R.   | 7463   | -                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Holborn Union Workhouse, Mitcham, w.  | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| St. Botolph H - - N.R. & E.L.   | 11174  | 5                                   | 6                                   | 3                               | 1                                   | -          | -        | 1              | 1           | -               | -       | -                              | -                            | -          | 1         | -   | -  |                                   |
| Cripplegate - - N.R.  | 7193   | 1                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| St. Sepulchre H - - N.R.  | 5333   | 1                                   | 16                                  | -                               | 5                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 3         | 3   | 15 |                                   |
| St. Bride W - - N.R.  | 8396   | 5                                   | 2                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Allhallows Barking - - N.R.   | 13666  | 5                                   | 2                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |
| Broad Street H - - N.R.   | 6632   | 3                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                   |

NOTE.—The italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

2, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT day, the 20th October, 1888.

| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Mortals during<br>the<br>Week. | Total DEATHS during<br>the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                   |                              |           |           |
|---------------------------------|--|---|-------------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|-----------------------------------|------------------------------|-----------|-----------|
|                                 |  |   |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                   |                              |           |           |
|                                 |  |   |                                     | Infants under<br>Year of Age.             | Persons aged 10<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas (or<br>Typhoid) Fever. | Summer con-<br>tinued Fever. | Diarrhœa. | Violence. |
| <b>FAST DISTRICTS.</b>          |  |   |                                     |   |                                     |             |          |                |             |                 |         |                                   |                              |           |           |
| all Shoreditch - N.R. & E.L.    | 7376   | 7                                       | 2                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| Shoreditch - N.R.               | 14867  | 9                                       | 3                                   | 3   | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| New Town - N.R.                 | 29887  | 29                                      | 13                                  | 3   | 7                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| Old Town - N.R.                 | 26036  | 20                                      | 13                                  | 3   | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George East - N.R. & E.L.   | 46275  | 41                                      | 33                                  | 10  | 8                                   | -           | 6        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| City-road - E.L.                | 29738  | 14                                      | 18                                  | 5   | 1                                   | -           | 3        | 3              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. Paul Green - E.L.           | 47632  | 42                                      | 31                                  | 8   | 8                                   | -           | 2        | 2              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. Paul Green - E.L.           | 29931  | 16                                      | 10                                  | 8   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. Paul Green - E.L.           | 18810  | 14                                      | 7                                   | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. Paul Green - E.L. & N.R.    | 22585  | 10                                      | 6                                   | 1   | -                                   | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -         | -         |
| New Town - E.L.                 | 15473  | 10                                      | 15                                  | 2   | 5                                   | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -         | -         |
| St. Paul Church - E.L. & N.R.   | 17490  | 14                                      | 21                                  | 2   | 1                                   | -           | -        | -              | 1           | -               | -       | -                                 | -                            | -         | -         |
| St. Paul Fields - E.L.          | 9713   | 6                                       | 2                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. Paul - N.R. & E.L.          | 6102   | 4                                       | 3                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George North - E.L.         | 38747  | 10                                      | 22                                  | 6   | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George East - E.L.          | 8410   | 7                                       | 10                                  | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - E.L. & N.R.        | 16385  | 11                                      | 13                                  | 6   | 2                                   | -           | 3        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - E.L.               | 16107  | 10                                      | 6                                   | 1   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - E.L.               | 35041  | 30                                      | 14                                  | 7   | 1                                   | -           | 4        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - E.L.               | 37260  | 37                                      | 17                                  | 8   | 4                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - E.L.               | 67563  | 42                                      | 40                                  | 10  | 11                                  | -           | 3        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - E.L.               | 35074  | 20                                      | 14                                  | 2   | 2                                   | -           | 2        | -              | 1           | -               | -       | -                                 | -                            | -         | -         |
| St. George - E.L.               | 64859  | 46                                      | 39                                  | 6   | 8                                   | -           | 5        | -              | 1           | -               | -       | -                                 | -                            | -         | -         |
| St. George - E.L.               | 55077  | 37                                      | 23                                  | 6   | 6                                   | -           | 1        | -              | -           | 1               | -       | -                                 | -                            | -         | -         |
| <b>SOUTH DISTRICTS.</b>         |  |   |                                     |   |                                     |             |          |                |             |                 |         |                                   |                              |           |           |
| St. George South - L. & S.      | 15663  | 13                                      | 4                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - S.           | 14990  | 4                                       | 6                                   | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - L. & S.      | 21851  | 9                                       | 2                                   | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - L. & S.      | 12658  | 15                                      | 9                                   | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - L. & S.      | 21318  | 8                                       | 6                                   | 3   | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - L. & S.      | 26672  | 21                                      | 8                                   | 2   | 1                                   | -           | -        | 1              | 1           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - L. & S.      | 29555  | 10                                      | 10                                  | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - L. & S.      | 21623  | 18                                      | 7                                   | 4   | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - S.           | 21856  | 8                                       | 16                                  | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - S. & L.      | 16800  | 8                                       | 6                                   | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - S.           | 16669  | 8                                       | 6                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - S.           | 54683  | 46                                      | 24                                  | 9   | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George South - S. & K.      | 36024  | 26                                      | 21                                  | 9   | 3                                   | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George 1st - L. & S.        | 15195  | 9                                       | 4                                   | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George 2nd - L. & S.        | 16351  | 22                                      | 6                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George Church 1st - L. & S. | 19876  | 10                                      | 19                                  | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George Church 2nd - L. & S. | 39559  | 18                                      | 21                                  | 2   | 5                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George 1st - S. & L.        | 45282  | 25                                      | 25                                  | 3   | 5                                   | -           | 1        | -              | 1           | -               | -       | -                                 | -                            | -         | -         |
| St. George 2nd - S. & L.        | 36582  | 15                                      | 8                                   | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - L. & S.            | 62537  | 33                                      | 22                                  | 4   | 10                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - L.                 | 16017  | 11                                      | 6                                   | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - S.                 | 54675  | 39                                      | 17                                  | 6   | 1                                   | -           | -        | -              | 1           | 1               | -       | -                                 | -                            | -         | -         |
| St. George - S.                 | 52687  | 28                                      | 31                                  | 15  | 7                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - S.                 | 36380  | 20                                      | 8                                   | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - S.                 | 38004  | 26                                      | 15                                  | 3   | 2                                   | -           | 3        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - S.                 | 12332  | 8                                       | 6                                   | -   | 6                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - L.                 | 25553  | 50                                      | 9                                   | 1   | 3                                   | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - L. & S.            | 5890   | 1                                       | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - S. & L.            | 69104  | 45                                      | 39                                  | 7   | 13                                  | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - S., L., & K.       | 71089  | 45                                      | 27                                  | 8   | 5                                   | -           | 1        | 1              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - L. & S.            | 50810  | 51                                      | 18                                  | 6   | 1                                   | -           | 2        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 76752  | 61                                      | 33                                  | 10  | 5                                   | -           | -        | 5              | -           | 1               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 7901   | 3                                       | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George West - K.            | 21073  | 10                                      | 10                                  | 3   | 4                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George East - K.            | 24608  | 21                                      | 12                                  | 2   | 4                                   | -           | -        | 1              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 1048   | 3                                       | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 21649  | 7                                       | 10                                  | 2   | 6                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 19855  | 10                                      | 16                                  | 4   | 7                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - L.                 | 26076  | 18                                      | 9                                   | 3   | 2                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 10980  | 8                                       | 4                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 17517  | 8                                       | 4                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 10948  | 17                                      | 3                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 14048  | 10                                      | 3                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |
| St. George - K.                 | 12241  | 32                                      | 50                                  | 5   | 6                                   | -           | -        | -              | -           | -               | -       | -                                 | -                            | -         | -         |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the table by a -:-

St. George Infirmary in Kensington Town sub-district.  
St. George Infirmary in Tottenham Court-road sub-district.  
St. George Infirmary in Upper Holloway sub-district.  
St. George Infirmary in Brompton sub-district.  
St. George Infirmary in Hoxton New Town sub-district.  
St. George Infirmary in Mile End Old Town Eastern sub-district.  
St. George Infirmary in Mile End Old Town Eastern sub-district.  
St. George Infirmary in Mile End Old Town Eastern sub-district.  
St. George Infirmary in Mile End Old Town Eastern sub-district.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum in Poplar sub-district.  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.

Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during Week ending Saturday, 20th October, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.    | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |    |    |    |    |
|---|-----------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|----|----|----|----|
|   |                                   |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |    |    |    |    |
|   |                                   |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |    |    |    |    |
| LONDON—OUTER RING   |                                   |  |   |         |         | 370,924                                   | 950,957                             | 774         | 363      | 109            | 98          | -               | 5      | 2          | 8         | 5              | 1                                 | 10 | 10 | 24 | 29 |
| 30: 1   | Carshalton <i>wL</i>              | 12228  | 21118   | 7       | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1  | 1  | -  | -  |
| 2   | Epsom (part of) * <i>WwH</i>      | 9971   | 10710   | 4       | 6       | -   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | 1  | -  | -  |
| 37: 1   | Godstone (part of) *              | 2754   | 1235  | -       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 2         | -              | -                                 | -  | -  | -  | -  |
| 38: 1   | Croydon <i>WwHHL</i>              | 20851  | 101241  | 63      | 32      | 8   | 8                                   | -           | 1        | -              | -           | 1               | 1      | 1          | 2         | 1              | 3                                 | 1  | 1  | -  | -  |
| 2   | Mitcham <i>w†</i>                 | 11697  | 17932   | 19      | 8       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 39: 1   | Wimbledon <i>HHH</i>              | 3220   | 15950   | 8       | 5       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 2   | Kingston <i>WHH</i>               | 8549   | 36354   | 19      | 10      | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | 1  | 1  | 1  | -  |
| 3   | Esher (part of) *                 | 6001   | 9221  | 5       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1  | 1  | -  | -  |
| 4   | Hampton <i>H</i>                  | 4573   | 13539   | 12      | 5       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | 1  | -  | -  | -  |
| 40: 1   | Richmond <i>WH</i>                | 2272   | 21302   | 15      | 8       | 2   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -  | -  | -  | 1  |
| 2   | Mortlake                          | 2041   | 12331   | 14      | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 41: 1   | Bromley (pt. of) * <i>HH</i>      | 15669  | 81142   | 20      | 7       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | 1  |
| 2   | Chislehurst (pt. of) * <i>WHH</i> | 14307  | 15844   | 7       | 4       | 3   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | 2  |
| 42: 1   | Bexley <i>H</i>                   | 13437  | 24134   | 24      | 10      | 4   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 | 3  | -  | -  | -  |
| 2   | Dartford ( <i>Ww</i> , pts. of) * | -  | -   | 1       | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | 3  |
| 124: 1  | Sunbury <i>w</i>                  | 11055  | 11635   | 7       | 6       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 2   | Staines <i>W</i>                  | 13277  | 12089   | 7       | 9       | 5   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | 1  | -  | -  | -  |
| 125: 1  | Hillingdon <i>WHH</i>             | 6029   | 10802   | 4       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 | 1  | -  | -  | -  |
| 2   | Uxbridge                          | 6178   | 3225  | 3       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 3   | Hayes <i>wHL</i>                  | 14587  | 11523   | 8       | 4       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | 2  |
| 126: 1  | Isleworth <i>WHH</i>              | 7008   | 23727   | 15      | 5       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | 2  |
| 2   | Twickenham <i>H</i>               | 2477   | 12479   | 4       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 3   | Brentford <i>HL</i>               | 4345   | 27649   | 11      | 11      | 2   | 6                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1  | -  | -  | -  |
| 4   | Chiswick                          | 1340   | 15975   | 19      | 7       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 5   | Acton <i>wH</i>                   | 6083   | 22376   | 12      | 5       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 127: 1  | Harrow <i>H</i>                   | 18909  | 12796   | 5       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 2   | Edgware <i>H</i>                  | 6994   | 3749  | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 3   | Willesden                         | 4383   | 27463   | 41      | 14      | 5   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1  | -  | -  | -  |
| 4   | Hendon <i>W</i>                   | 8382   | 10434   | 13      | 7       | 3   | -                                   | -           | -        | -              | -           | -               | -      | 2          | -         | -              | -                                 | -  | -  | -  | 3  |
| 137: 1  | Bushey                            | 9331   | 6621  | 6       | 4       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 2   | Watford ( <i>W</i> , pt. of) *    | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 128: 1  | South Mimms                       | 15599  | 8391  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 2   | Barnet                            | 5433   | 10092   | 2       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1  | 1  | -  | -  |
| 3   | Finchley <i>HL</i>                | 4638   | 17615   | 13      | 9       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 1  | 3  | -  | -  |
| 135: 1  | Hatfield (part of) *              | 3306   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 129: 1  | Hornsey <i>H</i>                  | 3039   | 37078   | 23      | 13      | 1   | 6                                   | -           | -        | -              | -           | -               | -      | -          | 1         | -              | -                                 | -  | -  | -  | 1  |
| 2   | Tottenham <i>H</i>                | 4942   | 46456   | 65      | 32      | 18  | 6                                   | -           | 2        | -              | -           | -               | -      | -          | 2         | -              | -                                 | 2  | -  | -  | -  |
| 3   | Edmonton <i>Ww†</i>               | 7483   | 23463   | 16      | 13      | 4   | 8                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | 2  | 1  | -  | -  |
| 4   | Enfield <i>WH</i>                 | 12663  | 19104   | 16      | 7       | 1   | 3                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 5   | Waltham Abbey                     | 11017  | 5343  | 5       | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -  | -  | -  | -  |
| 6   | Chesham                           | 8480   | 7735  | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 186: 1  | Stratford                         | 882  | 38605   | 18      | 14      | 5   | 6                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 2   | West Ham <i>wvwH†</i>             | 7351   | 101053  | 114     | 45      | 18  | -                                   | -           | 2        | 2              | 2           | -               | -      | -          | -         | -              | 2                                 | 3  | -  | -  | -  |
| 3   | Leyton <i>WwL</i>                 | 4372   | 32430   | 42      | 22      | 7   | 9                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 | -  | -  | -  | 5  |
| 4   | Walthamstow <i>H</i>              | 6520   | 28869   | 37      | 10      | 3   | -                                   | -           | -        | -              | -           | 2               | 1      | -          | -         | 1              | -                                 | -  | -  | -  | 1  |
| 187: 1  | Chigwell (part of) * <i>H</i>     | 11761  | 9033  | 12      | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 2   | Epping ( <i>W</i> , pt. of) *     | -  | -   | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 189: 1  | Romford (part of) * <i>W</i>      | 6730   | 3411  | 1       | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | 1  |
| 2   | Ilford                            | 8493   | 7645  | 6       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |
| 3   | Barking Town                      | 4127   | 9203  | 10      | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 | -  | -  | -  | -  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—30: 2, Epsom sub-district, except the parishes of Asenstead and Headley (pop. 1235); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district: 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Canning and Kewcholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 131: 1, the parish of Northaw in Hatfield sub-district: 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district: 42: 2, Dartford; 137: 2, Watford, and 187: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Hibernia Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Street Union Workhouse and in Metropolitan Asylum Hospital, Walthamstow Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 20th October, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                    |        |           |           |     |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|--------------------|--------|-----------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                    |        |           |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                | 13.    | 14.       | 15.       | 16. |  |                                   |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 18.9  | 2.4                                   | 2004                             | 506                                       | 463  | -           | 85       | 35                | 44          | 17                 | 21     | 52        | 61        | 396 |  |                                   |
| GREATER LONDON -          | 77,410   | 4,282,921                                      | 20.0  | 2.7                                   | 1641                             | 397                                       | 370  | -           | 80       | 33                | 36          | 12                 | 20     | 42        | 51        | 367 |  |                                   |
| INNER RING -              | 370,924  | 1,244,965                                      | 15.2  | 1.8                                   | 363                              | 109                                       | 98   | -           | 5        | 2                 | 8           | 5                  | 1      | 10        | 10        | 29  |  |                                   |

3.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 22 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                           | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS.    | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                                   |
|-----------------------------------|---------------------------------------|-----------------------------|---------------------------------|------------|------------------------------------|--|
| CALCUTTA -                        | 433,219                               | September 8                 | -                               | 174        | 20.9                               | Fevers 47; cholera 8.  |
| BOMBAY -                          | 773,196                               | " 25                        | 317                             | 458        | 23.4                               | Fvs. 121; chol. 4; sm.-px. 1.                                    |
| MADRAS -                          | 398,777                               | August 31<br>September 7    | 306<br>345                      | 323<br>285 | 42.1<br>37.2                       | Fvs. 59; chol. 23; d. dis. 65.<br>Fvs. 41; chol. 12; d. dis. 57. |
| PARIS -                           | 2,260,945                             | October 13                  | 1178                            | 986        | 22.7                               | Diph. & croup 24; typhd. fever 7; diarr. dis. 120.               |
| BRUSSELS -<br>(with 8 Faubourgs.) | 462,069                               | " 13                        | 253                             | 210        | 23.6                               | Measles 5; diarrhoeal diseases 27.                               |
| AMSTERDAM -                       | 390,016                               | " 13                        | 276                             | 154        | 20.5                               | Typhus & typhd. fev. 3; diph. 2; wh.-cgh. 6.                     |
| ROTTERDAM -                       | 193,658                               | " 13                        | 151                             | 58         | 15.6                               | -  |
| THE HAGUE -                       | 149,477                               | " 13                        | 89                              | 52         | 18.0                               | -  |
| COPENHAGEN -                      | 300,000                               | " 9                         | 224                             | 97         | 16.9                               | Diphtheria 3; diarrhoeal diseases 12.                            |
| STOCKHOLM -                       | 221,549                               | " 6                         | 138                             | 65         | 15.3                               | Typhus & typhd. fev. 2; diar. dis. 11.                           |
| CHRISTIANIA -                     | 135,600                               | " 13                        | 70                              | 41         | 15.7                               | Diphtheria and croup 5.  |
| ST. PETERSBURG                    | 842,883                               | " 6                         | -                               | 395        | 24.5                               | Typh. & typhd. fev. 6; scar. fev. 11; diph. 9.                   |
| BERLIN -                          | 1,438,006                             | September 29                | 889                             | 611        | 22.1                               | Diph. 18; typ. & typhd. fever 5; diar. dis. 133.                 |
| HAMBURG (State)                   | 150,694                               | October 6                   | 424                             | 225        | 21.6                               | Diphtheria and croup 10; w.-ch. 5; typ. & typhd. fev. 3.         |
| DRESDEN -                         | 259,142                               | " 6                         | 164                             | 105        | 21.1                               | Diphtheria and croup 7.  |
| BRESLAU -                         | 313,461                               | " 13                        | 235                             | 188        | 31.9                               | Diph. 12; scar. fever 2; diarr. dis. 20.                         |
| MUNICH -                          | 275,000                               | " 6                         | 206                             | 163        | 31.8                               | Diphtheria and croup 4; scar. fev. 3; diar. dis. 48.             |
| VIENNA -                          | 800,836                               | " 6                         | 504                             | 304        | 19.7                               | Diphtheria 11; diarrhoeal diseases 39.                           |
| PRAGUE -                          | 295,857                               | " 6                         | -                               | 143        | 25.2                               | Small-pox 9; diph. 7; typhus and typhd. fev. 3.                  |
| BUDA-PESTH -                      | 442,787                               | " 6                         | 337                             | 240        | 28.2                               | Diphtheria 6; typ. and typhd. fev. 8; diar. dis. 47.             |
| TRIESTE -                         | 156,042                               | " 6                         | -                               | 62         | 20.7                               | Small-pox 7; diphtheria and croup 3.                             |
| ROME -                            | 388,900                               | September 1                 | -                               | -          | -                                  | -  |
| TURIN (10 days)                   | 294,826                               | " 30                        | -                               | -          | -                                  | -  |
| VENICE -                          | 150,502                               | October 6                   | 77                              | 33         | 11.4                               | Diarrhoeal diseases 11.  |
| CAIRO -                           | 374,838                               | September 27                | 455                             | 326        | 45.4                               | Typhd. fev. 9; whooping-cough 5; diar. dis. 130.                 |
| ALEXANDRIA -                      | 231,396                               | " 27                        | 134                             | 176        | 39.7                               | Typhd. fev. 5; dip. & ep. 3; diarr. dis. 57.                     |
| NEW YORK -                        | 1,493,000                             | " 29                        | -                               | 680        | 23.8                               | Typhd. fev. 23; diph. 16; wh.-cough 21.                          |
| BROOKLYN -                        | 774,870                               | " 29                        | -                               | 234        | 18.7                               | Diphtheria 12; croup 7; typhoid fever 1.                         |
| PHILADELPHIA -                    | 1,016,758                             | " 29                        | -                               | 329        | 16.9                               | Typhd. fev. 21; diph. 5; whooping-cough 5.                       |
| BALTIMORE -                       | 431,879                               | " 29                        | -                               | 157        | 19.0                               | Typhd. fev. 9; diph. 3.  |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 20TH OCTOBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.<br><br>MONTH AND<br>DAY. |  | Phases<br>of the<br>Moon. | HARO-<br>METER.<br><br>Mean<br>daily<br>reading<br>(cor-<br>rected<br>and re-<br>duced to<br>32°<br>Fahren-<br>heit). | TEMPERATURE.  |              |                 |  |                      | Difference between<br>the Air Temperature<br>and Dew Point<br>Temperature. |   |        |                                  |                            | TEMPERATURE.  |   |                    |          | Wind as deduced from Anemometers. |                                 |                                |  | Rain<br>collected<br>in a<br>Gauge<br>receiving<br>surface 5<br>inches<br>above<br>the<br>level of<br>Ground. |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|--------------------------------|--|---------------------------|---|---------------|--------------|-----------------|--|----------------------|--|---|--------|----------------------------------|----------------------------|---------------|---|--------------------|----------|-----------------------------------|---------------------------------|--------------------------------|--|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                |  |                           |   | Of the Air.   |              |                 | De-<br>parture<br>from<br>average<br>value.<br>30 years. | Of the Dew<br>Point. |  | Degree<br>of<br>saturation<br>(Satu-<br>ration<br>equals<br>100). |        |                                  | Of<br>Radiation.           |               | Of the Water<br>of the Thames<br>at Deptford. |                    | Osler's. |                                   | Pressure on the<br>Square Foot. |                                | Robinson's.  |   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                                |  |                           |   | High-<br>est. | Low-<br>est. | Daily<br>Range. |  | Mean<br>value.       | Mean<br>daily<br>value.  | Great-<br>est.  | Least. | High-<br>est in<br>Sun's<br>Ray. | Lowest<br>on the<br>Grass. | High-<br>est. | Low-<br>est.                                  | General Direction. | A.M.     | P.M.                              | Great-<br>est.                  | Mean<br>of 24<br>hours<br>obs. | Horizontal<br>movement<br>from above<br>the Air<br>on each<br>Day. |   | Depar-<br>ture from<br>Average<br>of 10 Years. |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| OCTOBER.                       |  |                           |   | in.           | °            | °               | °  | °                    | °  | °   | °      | °                                | °                          | °             | °   | °                  | °        | °                                 | °                               | °                              | °  | °   | °  | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° | ° |

| DATE.         |   | ELECTRICITY.<br>(For explanation of<br>symbols, see Note.) |     | Registered Sun above<br>Horizon,<br>in hours. |      | GENERAL REMARKS.   |  |  |  |  |  |  |  |  |  |
|---------------|---|--|-----|---|------|--|--|--|--|--|--|--|--|--|--|
| OCTOBER.      |   |  |     |   |      |  |  |  |  |  |  |  |  |  |  |
| SUNDAY . 14   | 1 |  |     | 7.9   | 10.7 | Cloudless.   |  |  |  |  |  |  |  |  |  |
| MONDAY . 15   |   |  |     | 0.0   | 10.7 | The sky was generally covered till evening; cloud-<br>less at night.                                       |  |  |  |  |  |  |  |  |  |
| TUESDAY . 16  |   |  |     | 0.0   | 10.6 | Thin cloud till afternoon; generally cloudy after-<br>wards; fog in evening.                               |  |  |  |  |  |  |  |  |  |
| WEDNESDAY 17  |   | Instrument under<br>adjustment.                            |     | 0.1   | 10.5 | Haze dense at times, till afternoon; cloudless in<br>evening; fog throughout.                              |  |  |  |  |  |  |  |  |  |
| THURSDAY . 18 |   |  |     | 1.7   | 10.5 | Fog in morning; cloudless but hazy during the<br>day; evening cloudy.                                      |  |  |  |  |  |  |  |  |  |
| FRIDAY . 19   |   |  |     | 6.8   | 10.4 | Fog in morning; cloudless during day and evening.  |  |  |  |  |  |  |  |  |  |
| SATURDAY . 20 |   |  |     | 8.0   | 10.3 | Amount of cloud generally small; part of a solar<br>halo visible in afternoon; fine lunar halo in evening. |  |  |  |  |  |  |  |  |  |
|               |   | Sum  | Sum | Sum   | Sum  |  |  |  |  |  |  |  |  |  |  |

The height of the cistern of the barometer is 158 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are made daily at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and of the photographic records made during the twenty years ending 1868 for the thermometer. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

At reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. very strong.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the approximate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 29.82 in. at the beginning of the week to 30.23 in.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,  
29th October, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 21·8 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.             | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|--------------------|--------------|-------------|-------------|-------------|
|              | Oct.<br>6.   | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. |                    | Oct.<br>6.   | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. |
| Birkenhead   | 24·0         | 18·8        | 20·3        | 17·7        | Liverpool -        | 19·7         | 21·4        | 19·7        | 22·8        |
| Birmingham   | 15·0         | 17·2        | 20·7        | 19·3        | London -           | 16·5         | 18·7        | 20·0        | 21·2        |
| Blackburn -  | 24·1         | 22·4        | 29·8        | 25·4        | Manchester -       | 29·8         | 35·7        | 26·1        | 32·8        |
| Bolton -     | 27·6         | 28·0        | 26·7        | 21·6        | Newcastle-on-Tyne* | 21·7         | 24·0        | 22·6        | 21·3        |
| Bradford*    | 18·6         | 20·7        | 16·4        | 20·7        | Norwich -          | 17·8         | 19·5        | 21·2        | 16·7        |
| Brighton -   | 17·0         | 17·8        | 16·1        | 16·5        | Nottingham*        | 13·1         | 23·5        | 19·4        | 21·0        |
| Bristol -    | 14·1         | 16·8        | 18·9        | 17·0        | Oldham -           | 12·8         | 24·2        | 20·8†       | 25·3        |
| Cardiff*     | 16·3         | 23·5        | 23·1        | 25·5        | Plymouth -         | 22·8         | 23·5        | 28·2        | 22·2        |
| Derby -      | 19·0         | 11·9        | 20·1        | 15·7        | Portsmouth -       | 20·9         | 22·8        | 20·6        | 22·1        |
| Halifax -    | 21·5         | 20·2        | 17·6        | 24·7        | Preston -          | 23·7         | 27·3        | 25·8        | 25·3        |
| Huddersfield | 14·3         | 28·5        | 18·3        | 29·1        | Salford*           | 19·8         | 26·7        | 26·5        | 24·4        |
| Hull -       | 19·6         | 21·7        | 16·5        | 22·4        | Sheffield -        | 22·9         | 23·4        | 23·0        | 20·3        |
| Leeds -      | 21·7         | 24·1        | 25·7        | 24·4        | Sunderland -       | 17·0         | 24·9        | 29·3        | 22·2        |
| Leicester*   | 18·1         | 21·0        | 16·0        | 16·0        | Wolverhampton -    | 13·4         | 18·5        | 23·6        | 21·7        |

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·4 in Leicester, 1·5 in Liverpool and in Leeds, 1·7 in Huddersfield, 2·2 in Portsmouth, and 3·8 in Cardiff; from *scarlet fever*, 1·0 in Leeds; from *whooping-cough*, 1·1 in Norwich; from "*fever*," 1·1 in Derby, 1·2 in Salford and in Sunderland, 1·3 in Halifax, and 1·9 in Cardiff; and from *diarrhoea*, 1·3 in Brighton, 1·5 in Portsmouth, and 2·0 in Preston. The 47 deaths from *diphtheria* in the twenty-eight towns included 31 in London, 5 in Manchester, 2 in Nottingham, and 2 in Halifax. *Small-pox* caused one death in London and one in Preston, but not one in any of the twenty-six other great towns.

### LONDON.

In LONDON† 2665 BIRTHS and 1737 DEATHS were registered. Allowing for increase of population, the births were 184 below, while the deaths exceeded by 104, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had increased in the five preceding weeks from 15·8 to 20·0, further rose last week to 21·2, and exceeded the rate recorded in any week since the middle of March last. During the first four weeks of the current quarter the death-rate averaged 19·1, and was identical with the mean rate in the corresponding periods of the ten years 1878–87.

The 1737 deaths included 1 from small-pox, 100 from measles, 25 from scarlet fever, 31 from diphtheria, 18 from whooping-cough, 17 from enteric fever, 2 from ill-

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

‡ Through a clerical error the annual death-rate in Oldham during the week ending 20th October was incorrectly reported in the last issue of the Weekly Return as 24·1 per 1000, instead of 20·8.



defined forms of continued fever, 30 from diarrhoea and dysentery, 1 from infantile cholera, and not one from typhus; thus, 225 deaths were referred to these diseases, being 26 above the corrected average weekly number.

*Small-pox* caused one death, the corrected average being 7. This fatal case was of a gasfitter, aged 27 years, and occurred in the Homerton Small-pox Hospital, to which the deceased had been admitted from Hall Place, Paddington. No small-pox patients were under treatment in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital, at the end of the week. The fatal cases of *measles*, which had increased in the four preceding weeks from 30 to 80, further rose last week to 100, and exceeded the corrected average by 71; 10 belonged to Marylebone, 10 to Pancras, 4 to Clerkenwell, 8 to Shoreditch, 11 to Stepney, 12 to Poplar, 6 to Wandsworth, and 7 to Camberwell sanitary areas. The 25 deaths from *scarlet fever* showed a decline from those returned in the two previous weeks, and were 32 below the corrected average; 2 belonged to Islington, 5 to Bethnal Green (including 2 hospital cases admitted from 5, Stepney Green), 2 to Mile End Old Town, 2 to Poplar, 2 to Lambeth, and 4 to Camberwell (including 2 at 111, Camden Grove North) sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 1009 scarlet fever patients, against numbers increasing in the nine preceding weeks from 774 to 1003; 81 cases were admitted during the week, against 119 and 101 in the two previous weeks. The 31 fatal cases of *diphtheria* showed a decline of 5 from the number in the previous week, but exceeded the corrected average by 12; 3 belonged to Kensington, 3 to Chelsea, 3 to Bethnal Green, 2 to Stepney, 2 to Wandsworth, 2 to Camberwell, and 2 to Lewisham sanitary areas. The 18 fatal cases of *whooping-cough* were 11 below the corrected average. The 30 deaths attributed to *diarrhoea* and *dysentery* showed a further decline from recent weekly numbers, but exceeded the corrected average by 2. One death was referred to *infantile cholera*.

The deaths referred to *enteric fever*, which had been 8, 13, and 19 in the three preceding weeks, were last week 17, and were 10 below the corrected average; 2 belonged to Pancras, 2 to Islington, 2 to Hackney, and 2 to Poplar sanitary areas. The death of a child, aged 4 years, in Kensington, was indefinitely referred to "febricula, 10 days," and that of an adult, in Newington, to "fever, 10 days." The Metropolitan Asylum Hospitals contained 74 cases of enteric fever, and 1 of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week, against 11 and 9 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the eight preceding weeks from 130 to 364, further rose last week to 522, and exceeded the corrected average by 134.

Different forms of violence caused 57 deaths; 53 were the result of negligence or accident, among which were 24 from fractures and contusions, 8 from burns and scalds, 4 from drowning, and 12 of infants under one year of age from suffocation. The 24 deaths from fractures and contusions were thus caused:—10 by accidents from vehicles in street; 4 by accidents on railway; 1 by fall over trolley; 1 by fall into dock; 1 by fall in stable; 1 by fall on staircase; 1 by fall in street; 3 by fall, the nature of which was not stated; 1 by being crushed between steamship and barge; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 24 cases. Two cases of suicide were registered, the corrected average being 7.

The deaths of 3 males, aged 30, 41, and 71 years, and of a female, aged 47 years, were more or less directly referred, after inquest, to want and exposure; 3 of these cases occurred in East London, and one in Southwark.

#### GREATER LONDON.

In Greater London 3480 births and 2102 deaths were registered, corresponding to annual rates of 32.9 and 19.8 per 1000 of the estimated population. In the Outer Ring 11 deaths from diarrhoea, 9 from measles, 7 from whooping-cough, and 4 from "fever," were registered. Three fatal cases of measles and 2 deaths from "fever" occurred in Tottenham sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30.05 ins.; the highest reading was 30.28 ins. on Monday morning, and the lowest 29.80 ins. on Thursday afternoon. The mean temperature of the *air* was 49° 2, and 0° 2 below the average in the corresponding weeks of 20 years ending 1868. The mean was considerably below the average in each of the first four days of the week, whereas a large excess prevailed on Thursday, Friday, and Saturday. The general direction of the *wind* was S.W. and the horizontal movement of the *air* averaged 9.1 miles per hour, which was 2.1 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright *sunshine* in the week was 25.5 hours, against 23.6 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>estimated to the<br>middle of<br>1888. |         | Registered during<br>the week ending<br>27th Oct., 1888. |                                    | Deaths of<br>Persons aged<br>60 Years<br>and upwards. |  | Deaths from |            |    |          |     |                   |     |             | Deaths in<br>Public<br>Institutions. |                     | Causes of Death. |        | From All<br>Week's Deaths<br>in Causes. |            | TEMPERATURE OF THE AIR. |            |                      |                   | RAINFALL.      |                                      | CITIES<br>AND<br>BOROUGHES. |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
|-----------------------------|--|---------|--|------------------------------------|---|--|-------------|------------|----|----------|-----|-------------------|-----|-------------|--------------------------------------|---------------------|------------------|--------|---|------------|-------------------------|------------|----------------------|-------------------|----------------|--------------------------------------|-----------------------------|---------------------------------|------------|---|----------------|--------------------------------------|---------------------------------|----------|---------|-------------|--|------------|--|----------------------|--|
|                             | 1.   | 2.      | 3.   | 4.                                 | 5.  | 6.                                       | 7.          | 8.         | 9. | 10.      | 11. | 12.               | 13. | 14.         | 15.                                  | 16.                 | 17.              | 18.    | Fahrenheit.                             |            | Mean.                   | In Inches. | In Centi-<br>meters. |                   |                |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
|                             |  |         |  |                                    |   |  |             |            |    |          |     |                   |     |             |                                      |                     |                  |        | Small-pox.                              | Measles.   |                         |            |                      | Scarlet<br>Fever. | Diphtheria.    | Whooping-<br>cough.                  |                             | Fever.                          | Diarrhoea. | Violence.                               | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unspecified<br>Causes of Death. | Highest. | Lowest. |             |  |            |  |                      |  |
| BIRTHS.                     |  | DEATHS. |  | Infants under<br>1 Year of<br>Age. |   | Persons aged<br>60 Years<br>and upwards. |             | Small-pox. |    | Measles. |     | Scarlet<br>Fever. |     | Diphtheria. |                                      | Whooping-<br>cough. |                  | Fever. |   | Diarrhoea. |                         | Violence.  |                      | Inquest Cases.    |                | Deaths in<br>Public<br>Institutions. |                             | Unspecified<br>Causes of Death. |            | From All<br>Week's Deaths<br>in Causes. |                | Fahrenheit.                          |                                 | Mean.    |         | Centigrade. |  | In Inches. |  | In Centi-<br>meters. |  |
| 28 TOWNS.                   | 5809   | 3930    | 1022   | 846                                | 2   | 169                                      | 53          | 47         | 45 | 63       | 93  | 130               | 264 | 661         | 83                                   | 218                 | 26               | 68.4   | 28.3                                    | 48.4       | 9.11                    | 0.05       | 0.13                 | -                 | 28 TOWNS.      |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| LONDON.                     | 2665   | 1737    | 423  | 386                                | 1   | 100                                      | 25          | 31         | 18 | 19       | 30  | 57                | 120 | 385         | 20                                   | 21.2                | 2.7              | 68.4   | 29.7                                    | 49.2       | 9.56                    | 0.00       | 0.00                 | -                 | LONDON.        |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| BRIGHTON.                   | 60   | 38      | 11   | 14                                 | -   | -  | -           | -          | -  | -        | 3   | 1                 | 1   | 3           | 1                                    | 16.5                | 1.7              | 61.0   | 38.0                                    | 48.8       | 9.33                    | 0.03       | 0.08                 | -                 | BRIGHTON.      |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| PORTSMOUTH.                 | 96   | 59      | 19   | 12                                 | -   | 6  | -           | -          | -  | -        | 4   | 3                 | 5   | 6           | 3                                    | 22.1                | 3.7              | -      | -                                       | -          | -                       | -          | -                    | -                 | PORTSMOUTH.    |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| NORWICH.                    | 56   | 30      | 9  | 7                                  | -   | -  | -           | -          | 2  | 1        | 1   | 1                 | -   | -           | -                                    | 16.7                | 2.2              | -      | -                                       | -          | -                       | -          | -                    | -                 | NORWICH.       |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| PLYMOUTH.                   | 42   | 33      | 6  | 10                                 | -   | -  | 1           | 1          | -  | -        | 1   | -                 | 1   | 2           | 2                                    | 22.2                | 2.0              | 60.0   | 41.6                                    | 52.1       | 11.17                   | 0.10       | 0.25                 | -                 | PLYMOUTH.      |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| BRISTOL.                    | 74   | 17      | 21   | -                                  | -   | 2  | 1           | -          | -  | -        | -   | 1                 | 5   | 13          | 1                                    | 17.0                | 0.7              | 63.5   | 32.0                                    | 48.2       | 9.00                    | 0.05       | 0.13                 | -                 | BRISTOL.       |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| WOLVERHAMPTON.              | 52   | 34      | 7  | 10                                 | -   | 1  | -           | -          | -  | -        | 1   | 2                 | 6   | 7           | 1                                    | 21.7                | 1.3              | 62.5   | 30.0                                    | 46.4       | 8.00                    | 0.00       | 0.00                 | -                 | WOLVERHAMPTON. |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| BIRMINGHAM.                 | 256  | 166     | 61   | 58                                 | -   | 6  | 2           | -          | 5  | -        | 6   | 9                 | 14  | 32          | 8                                    | 19.3                | 2.2              | -      | -                                       | -          | -                       | -          | -                    | -                 | BIRMINGHAM.    |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| LEICESTER.                  | 105  | 45      | 14   | 12                                 | -   | 4  | -           | -          | 1  | 3        | 4   | 2                 | 6   | 14          | 1                                    | 21.0                | 2.3              | 64.2   | 28.3                                    | 44.8       | 7.11                    | 0.05       | 0.13                 | -                 | LEICESTER.     |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| NOTTINGHAM.                 | 112  | 93      | 19   | 30                                 | -   | -  | -           | -          | 2  | 1        | -   | 2                 | 5   | 2           | -                                    | 15.7                | 1.1              | -      | -                                       | -          | -                       | -          | -                    | -                 | NOTTINGHAM.    |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| DERBY.                      | 58   | 29      | 7  | 10                                 | -   | -  | -           | -          | -  | -        | -   | 1                 | 1   | 2           | 2                                    | 17.7                | 0.5              | -      | -                                       | -          | -                       | -          | -                    | -                 | DERBY.         |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| BIRKENHEAD.                 | 54   | 34      | 11   | 7                                  | -   | 17                                       | 5           | -          | 2  | 3        | 10  | 11                | 13  | 48          | 13                                   | 22.8                | 3.2              | 65.0   | 32.6                                    | 50.8       | 10.44                   | 0.20       | 0.51                 | -                 | BIRKENHEAD.    |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| LIVERPOOL.                  | 398  | 262     | 66   | 47                                 | -   | -  | 2           | -          | -  | -        | 1   | 3                 | 5   | 4           | -                                    | 21.6                | 1.4              | -      | -                                       | -          | -                       | -          | -                    | -                 | LIVERPOOL.     |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| BOLTON.                     | 76   | 47      | 9  | 10                                 | -   | -  | -           | -          | -  | -        | 1   | 3                 | 5   | 4           | -                                    | 19.3                | 2.2              | -      | -                                       | -          | -                       | -          | -                    | -                 | BOLTON.        |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| MANCHESTER.                 | 251  | 238     | 65   | 43                                 | -   | 7  | 3           | 5          | 4  | 5        | 8   | 6                 | 22  | 33          | 6                                    | 32.8                | 4.4              | -      | -                                       | -          | -                       | -          | -                    | -                 | MANCHESTER.    |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| SALFORD.                    | 147  | 106     | 31   | 13                                 | -   | 5  | 1           | -          | 5  | 3        | 2   | 3                 | 10  | 2           | 24.4                                 | 3.2                 | -                | -      | -                                       | -          | -                       | -          | -                    | -                 | SALFORD.       |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| OLDHAM.                     | 84   | 67      | 13   | 10                                 | -   | -  | 1           | -          | 1  | 2        | -   | 2                 | 3   | 9           | 2                                    | 25.3                | 1.5              | -      | -                                       | -          | -                       | -          | -                    | -                 | OLDHAM.        |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| BLACKBURN.                  | 73   | 58      | 23   | 9                                  | -   | 1  | 1           | -          | 1  | 1        | 2   | -                 | -   | 2           | 1                                    | 25.4                | 2.6              | -      | -                                       | -          | -                       | -          | -                    | -                 | BLACKBURN.     |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| PRESTON.                    | 72   | 50      | 15   | 10                                 | 1   | -  | -           | -          | 1  | 1        | 4   | -                 | 1   | 1           | 1                                    | 25.3                | 3.5              | -      | -                                       | -          | -                       | -          | -                    | -                 | PRESTON.       |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| HUDDESFIELD.                | 46   | 51      | 6  | 12                                 | -   | 3  | -           | -          | 1  | -        | -   | 1                 | 2   | 5           | 1                                    | 29.1                | 2.3              | -      | -                                       | -          | -                       | -          | -                    | -                 | HUDDESFIELD.   |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| HALIFAX.                    | 47   | 38      | 7  | 15                                 | -   | -  | -           | -          | -  | -        | -   | -                 | -   | 4           | -                                    | 24.7                | 2.6              | -      | -                                       | -          | -                       | -          | -                    | -                 | HALIFAX.       |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| BRADFORD.                   | 118  | 91      | 25   | 20                                 | -   | -  | -           | 1          | 1  | -        | -   | 3                 | 8   | 10          | 4                                    | 20.7                | 0.5              | 63.4   | 33.8                                    | 48.0       | 8.89                    | 0.01       | 0.03                 | -                 | BRADFORD.      |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| LEEDS.                      | 223  | 164     | 52   | 33                                 | -   | 10                                       | 7           | -          | 5  | 3        | 7   | 3                 | 10  | 17          | 1                                    | 24.4                | 4.8              | -      | -                                       | -          | -                       | -          | -                    | -                 | LEEDS.         |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| SHEFFIELD.                  | 190  | 125     | 34   | 23                                 | -   | 1  | 1           | -          | 1  | 4        | 1   | 4                 | 6   | 6           | 7                                    | 20.3                | 1.3              | -      | -                                       | -          | -                       | -          | -                    | -                 | SHEFFIELD.     |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| HULL.                       | 103  | 87      | 27   | 16                                 | -   | -  | -           | -          | 1  | 3        | 2   | 4                 | 5   | 9           | 3                                    | 22.4                | 1.8              | -      | -                                       | -          | -                       | -          | -                    | -                 | HULL.          |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| SUNDERLAND.                 | 96   | 55      | 15   | 14                                 | -   | -  | -           | -          | 1  | 3        | -   | 3                 | 4   | 7           | 2                                    | 21.3                | 1.3              | 66.0   | 37.0                                    | 47.7       | 8.72                    | 0.01       | 0.03                 | -                 | SUNDERLAND.    |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| NEWCASTLE.                  | 126  | 65      | 17   | 9                                  | -   | -  | -           | -          | 1  | 1        | -   | 2                 | 4   | 5           | 7                                    | 21.3                | 1.3              | 66.0   | 37.0                                    | 47.7       | 8.72                    | 0.01       | 0.03                 | -                 | NEWCASTLE.     |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| CARDIFF.                    | 84   | 53      | 13   | 5                                  | -   | 8  | -           | -          | -  | 4        | 1   | 2                 | 3   | 7           | 1                                    | 25.5                | 6.7              | -      | -                                       | -          | -                       | -          | -                    | -                 | CARDIFF.       |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| EDINBURGH.                  | 150  | 81      | 17   | 24                                 | -   | -  | -           | 2          | -  | -        | -   | 1                 | ?   | 12          | 16                                   | 16.1                | 0.4              | 63.2   | 40.4                                    | 52.7       | 11.50                   | 0.12       | 0.30                 | -                 | EDINBURGH.     |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| GLASGOW.                    | 372  | 211     | 59   | 28                                 | -   | -  | 4           | 5          | 6  | 2        | 9   | 5                 | ?   | 27          | 20                                   | 20.9                | 2.6              | 63.2   | 38.0                                    | 52.8       | 11.56                   | 0.57       | 1.45                 | -                 | GLASGOW.       |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |
| DUBLIN.                     | 177  | 146     | 40   | 37                                 | -   | 3  | 1           | -          | 5  | 4        | 12  | 6                 | 6   | 55          | 12                                   | 21.9                | 3.7              | 64.2   | 30.3                                    | 52.2       | 11.22                   | 0.37       | 0.94                 | -                 | DUBLIN.        |                                      |                             |                                 |            |   |                |                                      |                                 |          |         |             |  |            |  |                      |  |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-THIRD Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2500 | 2547 | 2490 | 2753 | 2570 | 2724 | 2694 | 2581 | 2685 | 2581 | 2848·8   | 2665 |
| Males . .           | 1304 | 1280 | 1310 | 1378 | 1336 | 1366 | 1391 | 1333 | 1370 | 1357 | 1464·5   | 1353 |
| Females .           | 1196 | 1267 | 1180 | 1375 | 1234 | 1358 | 1303 | 1243 | 1315 | 1224 | 1384·3   | 1312 |
| <b>TOTAL Deaths</b> | 1446 | 1561 | 1521 | 1588 | 1466 | 1450 | 1463 | 1366 | 1380 | 1738 | 1633·4   | 1737 |
| Males . .           | 744  | 831  | 796  | 822  | 767  | 753  | 744  | 696  | 693  | 907  | 845·4  | 914  |
| Females .           | 702  | 730  | 725  | 766  | 699  | 697  | 719  | 670  | 687  | 831  | 788·0  | 823  |

\* The numbers in this column are the average weekly numbers in the forty-third weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Aug.<br>4. | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. |
|--|------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|------------|-------------|-------------|-------------|
| <b>TOTAL Births</b>                      | 2530       | 2228        | 2604        | 2401        | 2508        | 2475        | 2488         | 2463         | 2395         | 2413       | 2588        | 2459        | 2665        |
| <b>TOTAL Deaths</b>                      | 1309       | 1476        | 1330        | 1438        | 1342        | 1316        | 1330         | 1298         | 1314         | 1352       | 1536        | 1641        | 1737        |
| 0-20                                     | 726        | 816         | 713         | 338         | 730         | 701         | 666          | 650          | 663          | 676        | 720         | 777         | 849         |
| 20-40                                    | 131        | 174         | 173         | 133         | 159         | 145         | 159          | 177          | 176          | 165        | 219         | 197         | 199         |
| 40-60                                    | 205        | 228         | 177         | 202         | 208         | 205         | 225          | 233          | 199          | 238        | 264         | 297         | 293         |
| 60-80                                    | 195        | 217         | 217         | 221         | 204         | 223         | 235          | 197          | 225          | 224        | 273         | 297         | 325         |
| at 80 years & upwds.                     | 52         | 41          | 50          | 39          | 41          | 42          | 45           | 41           | 46           | 49         | 60          | 73          | 71          |
| Deaths of children { Under 1 year        | 449        | 493         | 444         | 500         | 441         | 426         | 407          | 385          | 395          | 370        | 388         | 397         | 423         |
| { 1-5                                    | 200        | 233         | 187         | 260         | 219         | 202         | 195          | 184          | 185          | 208        | 263         | 277         | 329         |
| { 5-20                                   | 77         | 90          | 82          | 78          | 70          | 73          | 64           | 81           | 88           | 98         | 69          | 103         | 97          |
| Deaths from Small-pox                    | -          | -           | -           | -           | -           | -           | -            | -            | -            | -          | -           | -           | 1           |
| " " Measles                              | 29         | 51          | 33          | 47          | 39          | 26          | 27           | 32           | 50           | 39         | 50          | 30          | 100         |
| " " Scarlet fever                        | 18         | 17          | 17          | 21          | 15          | 19          | 24           | 20           | 22           | 24         | 30          | 33          | 25          |
| " " Diphtheria                           | 19         | 25          | 13          | 17          | 23          | 18          | 18           | 24           | 27           | 35         | 26          | 36          | 31          |
| " " Whooping-cough                       | 25         | 27          | 20          | 28          | 24          | 32          | 31           | 22           | 13           | 5          | 18          | 12          | 18          |
| " " Typhus                               | -          | -           | 2           | -           | -           | -           | -            | -            | -            | 1          | -           | -           | -           |
| " " Enteric fever                        | 9          | 6           | 2           | 7           | 10          | 11          | 12           | 11           | 13           | 8          | 13          | 19          | 17          |
| " " Simple Cont <sup>d</sup> fever       | -          | 1           | 1           | -           | 1           | 1           | 1            | -            | -            | -          | 1           | 1           | 2           |
| " " Diarrhœa and Dysentery               | 121        | 133         | 162         | 192         | 144         | 131         | 122          | 78           | 77           | 72         | 43          | 42          | 30          |
| " " Cholera                              | 4          | 5           | 4           | 7           | 2           | 3           | 1            | 4            | -            | -          | 2           | -           | 1           |
| Deaths from the above-mentioned Diseases | 225        | 270         | 254         | 319         | 258         | 241         | 236          | 191          | 182          | 184        | 183         | 223         | 225         |
| " " Dis. of Respiratory System           | 167        | 183         | 167         | 172         | 130         | 148         | 184          | 179          | 213          | 239        | 311         | 364         | 522         |
| " " Phthisis                             | 123        | 131         | 134         | 108         | 125         | 122         | 132          | 146          | 117          | 150        | 175         | 180         | 157         |
| " " Dis. of Circulatory System           | 93         | 123         | 85          | 84          | 91          | 109         | 93           | 114          | 112          | 111        | 138         | 152         | 129         |
| Violent Deaths                           | 49         | 56          | 47          | 47          | 53          | 32          | 61           | 69           | 61           | 51         | 60          | 51          | 57          |
| Inquest Cases                            | 97         | 100         | 91          | 87          | 88          | 71          | 103          | 112          | 101          | 94         | 116         | 109         | 120         |
| Deaths in Public Institutions            | 260        | 341         | 296         | 303         | 292         | 296         | 312          | 293          | 325          | 307        | 346         | 367         | 395         |
| <b>TEMPERATURE OF THE AIR</b>            |            |             |             |             |             |             |              |              |              |            |             |             |             |
| Mean                                     | 56·9       | 63·9        | 56·4        | 60·0        | 56·6        | 57·1        | 54·5         | 57·2         | 55·8         | 42·7       | 45·0        | 43·5        | 49·2        |
| Mean of Highest readings                 | 67·5       | 75·2        | 67·1        | 70·2        | 66·4        | 65·9        | 66·3         | 66·3         | 65·2         | 53·6       | 54·7        | 53·4        | 58·5        |
| Mean of Lowest readings                  | 50·4       | 54·3        | 48·6        | 51·8        | 48·4        | 51·2        | 44·7         | 50·0         | 49·9         | 33·5       | 36·2        | 34·4        | 40·6        |
| Humidity of the Air                      | 87         | 75          | 77          | 82          | 81          | 83          | 83           | 81           | 90           | 82         | 79          | 87          | 89          |
| Rain-fall in inches                      | 4·29       | 0·11        | 0·00        | 0·81        | 1·22        | 0·16        | 0·06         | 0·00         | 0·51         | 0·11       | 0·02        | 0·00        | 0·00        |
| Registered Sunshine (in hours)           | 22·0       | 47·5        | 27·8        | 29·2        | 32·2        | 30·8        | 42·4         | 32·6         | 12·7         | 33·0       | 24·6        | 24·5        | 25·5        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-THIRD Week of the Year 1888.

| CAUSES OF DEATH.   | Corrected Averages for the 43rd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 27th October 1888. |      |      |       |                  |                  |                  |                       | Corrected Averages for the 43rd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 27th October 1888. |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |
|--|---|---|------|------|-------|------------------|------------------|------------------|-----------------------|---|---|------|------|-------|------------------|------------------|------------------|-----------------------|----|---|---|---|---|---|---|
|  |   | Deaths of Persons of the Ages                   |      |      |       |                  |                  |                  |                       |   | Deaths of Persons of the Ages                   |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |
|  |   | ALL AGES.                                       | 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   | ALL AGES.                                       | 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |    |   |   |   |   |   |   |
| ALL CAUSES -   | 1663.4  | 1737  | 423  | 329  | 97    | 199              | 203              | 325              | 71                    | Diseases of Organs of Special Sense † -                         | 1.8   | 1    | -    | -     | -                | 1                | -                | -                     | -  | - | - | - | - | - | - |
| Small-pox { Vaccinated - 1<br>Unvaccinated - 6.5<br>No Statement - } |   | 1   | -    | -    | -     | 1                | -                | -                | -                     | Diseases of Circulatory System -                                | 109.3   | 129  | 2    | -     | 10               | 16               | 46               | 43                    | 12 | - | - | - | - | - | - |
| Measles -  | 29.1  | 100   | 16   | 77   | 7     | -                | -                | -                | -                     | Croup -   | 15.3  | 13   | 2    | 10    | 1                | -                | -                | -                     | -  | - | - | - | - | - | - |
| Scarlet Fever -  | 57.0  | 25  | 1    | 15   | 8     | 1                | -                | -                | -                     | Bronchitis -  | 233.3   | 331  | 100  | 62    | 1                | 13               | 34               | 99                    | 23 | 1 | - | - | - | - | - |
| Erysiphus -  | 1.2   | -   | -    | -    | -     | -                | -                | -                | -                     | Pneumonia -   | 100.9   | 124  | 33   | 34    | 9                | 12               | 18               | 14                    | 1  | - | - | - | - | - |   |
| Whooping Cough † -   | 0.0   | -   | -    | -    | -     | -                | -                | -                | -                     | Pleurisy -  | 5.7   | 6    | -    | -     | 1                | 1                | 3                | 1                     | -  | - | - | - | - | - |   |
| Influenza -  | 0.7   | 1   | 1    | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System -                          | 33.2  | 48   | 10   | 6     | 3                | 2                | 10               | 14                    | 3  | - | - | - | - | - |   |
| Whooping-cough -   | 28.8  | 18  | 6    | 11   | 1     | -                | -                | -                | -                     | Dentition † -   | 10.7  | 8    | 5    | 3     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Diphtheria -   | 18.8  | 31  | 1    | 21   | 8     | -                | 1                | -                | -                     | Quinsy, Sore Throat † -   | 3.2   | 2    | -    | 2     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Membranous Continued and Ill-defined Fever -                         | 1.5   | 2   | -    | 1    | -     | -                | 1                | -                | -                     | Enteritis -   | 7.0   | 12   | 4    | 4     | -                | 3                | -                | 1                     | -  | - | - | - | - | - |   |
| Enteric Fever -  | 27.2  | 17  | -    | 2    | 4     | 7                | 3                | 1                | -                     | Peritonitis -   | 3.3   | 5    | -    | 1     | -                | 2                | -                | -                     | -  | - | - | - | - | - |   |
| Cholera -  | 0.3   | 1   | -    | 1    | -     | -                | -                | -                | -                     | Diseases of Liver -   | 39.9  | 25   | 2    | -     | -                | 3                | 10               | 8                     | -  | - | - | - | - | - |   |
| Arterio-venous -   | 28.2  | 30  | 18   | 7    | 1     | 1                | 1                | 2                | -                     | Other Diseases of Digestive System -                            | 29.1  | 30   | 6    | -     | 3                | 2                | 9                | 10                    | -  | - | - | - | - | - |   |
| Intermittent Fever † -   | 1.2   | -   | -    | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † -           | 1.9   | 3    | -    | -     | -                | 2                | 1                | -                     | -  | - | - | - | - |   |   |
| Idiopathic -   | 0.1   | -   | -    | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System -                                    | 41.5  | 33   | -    | 1     | 1                | 6                | 12               | 15                    | 1  | - | - | - | - | - |   |
| Anders -   | 0.2   | -   | -    | -    | -     | -                | -                | -                | -                     | Diseases of Generative System -                                 | 6.4   | 6    | -    | -     | 1                | 3                | 1                | 1                     | -  | - | - | - | - |   |   |
| Typhoid and Effects of Vaccination † -                               | 0.2   | -   | -    | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth -                                       | 4.1   | 5    | -    | -     | 1                | 4                | -                | -                     | -  | - | - | - | - | - |   |
| General Affections -   | 11.4  | 8   | 4    | 1    | -     | 1                | 2                | -                | -                     | Diseases of Locomotive System † -                               | 7.2   | 8    | -    | 1     | 3                | 2                | -                | 2                     | -  | - | - | - | - |   |   |
| Septicæmia -   | 9.3   | 6   | 1    | 1    | -     | -                | 3                | 1                | -                     | Diseases of Integumentary System -                              | 7.1   | 3    | -    | -     | -                | -                | 1                | 2                     | -  | - | - | - | - | - |   |
| Septicæmia and Septicæmia †  | 2.6   | 5   | -    | -    | -     | 4                | 1                | -                | -                     | VIOLENT DEATHS. §   |   |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |
| Septicæmia -   | 6.5   | 2   | -    | -    | -     | 2                | -                | -                | -                     | ACCIDENT.)  |   |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |
| Septicæmia -   | 1.4   | -   | -    | -    | -     | -                | -                | -                | -                     | Fracture and Contusion -  | 22.7  | 24   | 1    | 2     | 3                | 7                | 5                | 5                     | 1  | - | - | - | - | - | - |
| Septicæmia -   | 2.0   | 1   | 1    | -    | -     | -                | -                | -                | -                     | Gunshot Wound -   | 0.3   | -    | -    | -     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 0.9   | -   | -    | -    | -     | -                | -                | -                | -                     | Cut, Stab -   | 0.5   | -    | -    | -     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 1.8   | 1   | 1    | -    | -     | -                | -                | -                | -                     | Burn and Scald -  | 5.3   | 3    | -    | 5     | -                | 1                | 1                | -                     | 1  | - | - | - | - | - |   |
| Septicæmia -   | 4.6   | 5   | -    | -    | -     | 2                | 2                | 1                | -                     | Poison -  | 1.4   | 1    | -    | -     | 1                | 1                | 2                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 10.2  | 8   | -    | -    | 3     | 4                | 1                | -                | -                     | Drowning -  | 4.6   | 4    | -    | 1     | -                | 1                | 2                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 2.5   | 2   | -    | -    | -     | -                | 2                | -                | -                     | Suffocation -   | 10.3  | 14   | 12   | -     | 1                | 1                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 2.8   | 3   | -    | -    | -     | -                | 1                | 2                | -                     | Otherwise -   | 3.4   | 2    | -    | -     | -                | 2                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 2.1   | 4   | 1    | 8    | -     | -                | -                | -                | -                     | (HOMICIDE.)   |   |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |
| Septicæmia -   | 51.7  | 61  | -    | -    | 1     | 7                | 29               | 21               | 3                     | Murder & Manslaughter   | 1.3   | 2    | -    | -     | -                | 2                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 20.1  | 25  | 16   | 9    | -     | -                | -                | -                | -                     | (SUICIDE.)  |   |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |
| Septicæmia -   | 23.0  | 17  | 4    | 10   | 2     | 1                | -                | -                | -                     | Gunshot Wound -   | 0.1   | 2    | -    | -     | -                | -                | 1                | -                     | 1  | - | - | - | - | - |   |
| Septicæmia -   | 178.7   | 157   | 2    | 8    | 16    | 77               | 47               | 7                | -                     | Cut, Stab -   | 1.5   | -    | -    | -     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 15.6  | 12  | 1    | 5    | 3     | 1                | 2                | -                | -                     | Poison -  | 2.0   | -    | -    | -     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 9.0   | 14  | 1    | 1    | 1     | 2                | 2                | 7                | -                     | Drowning -  | 1.3   | -    | -    | -     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 32.6  | 37  | 37   | -    | -     | -                | -                | -                | -                     | Hanging -   | 1.2   | -    | -    | -     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 2.8   | 5   | 5    | -    | -     | -                | -                | -                | -                     | Otherwise -   | 1.0   | -    | -    | -     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 6.2   | 8   | 6    | 2    | -     | -                | -                | -                | -                     | (EXECUTION.)  |   |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |
| Septicæmia -   | 51.4  | 35  | -    | -    | -     | -                | 18               | 17               | -                     | Hanging -   | 0.0   | -    | -    | -     | -                | -                | -                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 47.7  | 46  | 1    | -    | -     | 20               | 24               | 1                | -                     | OTHER CAUSES † -  | 71.3  | 71   | 64   | 3     | 1                | -                | 3                | -                     | -  | - | - | - | - | - |   |
| Septicæmia -   | 6.4   | 6   | -    | -    | 1     | 1                | 1                | 2                | 1                     |   |   |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |
| Septicæmia -   | 45.4  | 43  | 43   | 3    | -     | -                | -                | -                | -                     |   |   |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |
| Septicæmia -   | 84.0  | 74  | 12   | 16   | 3     | 6                | 11               | 22               | 4                     |   |   |      |      |       |                  |                  |                  |                       |    |   |   |   |   |   |   |

RE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Hospitals, outside Registration London (see Table 3). The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.045 per cent. for increase of population. The ten years average could not be correctly ascertained, the average for the six years 1832-7 has been used. The cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical man, the case is returned under the heading "no statement." The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, &amp;c., during the Week ending—

| The DEATHS registered in the Week include                                   |   |  |  |                                 |                                       |             |          |                |             |                 |         |                                |                              |            |           |     |    |                                      |
|---|---|--|--|---------------------------------|---------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|----|--------------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | Deaths of                       |                                       | Deaths from |          |                |             |                 |         |                                |                              |            |           |     |    | Deaths in<br>Public<br>Institutions. |
|   |   |  |  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years and upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |    |                                      |
| LONDON . . . . .  | 3,815,704   | 2665                                   | 1737                                   | 423                             | 396                                   | 1           | 100      | 25             | 31          | 18              | -       | 17                             | 2                            | 30         | 57        | 120 | 39 |                                      |
| WEST DISTRICTS . . . . .  | 669,633   | 569                                    | 570                                    | 54                              | 65                                    | -           | 14       | 1              | 10          | 1               | -       | 1                              | 1                            | 3          | 6         | 13  | 8  |                                      |
| NORTH DISTRICTS . . . . .   | 905,947   | 568                                    | 593                                    | 101                             | 92                                    | 1           | 21       | 11             | 2           | 5               | -       | 8                              | -                            | 4          | 7         | 24  | 8  |                                      |
| CENTRAL DISTRICTS . . . . .   | 282,238   | 151                                    | 136                                    | 36                              | 10                                    | -           | 5        | -              | 2           | 2               | -       | 1                              | -                            | 4          | 3         | 7   | 4  |                                      |
| EAST DISTRICTS . . . . .  | 692,738   | 561                                    | 358                                    | 78                              | 82                                    | -           | 39       | 4              | 6           | 4               | -       | 3                              | -                            | 8          | 19        | 33  | 9  |                                      |
| SOUTH DISTRICTS . . . . .   | 1,265,148   | 1036                                   | 580                                    | 154                             | 138                                   | -           | 21       | 9              | 11          | 6               | -       | 4                              | 1                            | 11         | 22        | 44  | 9  |                                      |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -   | -                                      | -                                      | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| WEST DISTRICTS.   |   |  |  |                                 |                                       |             |          |                |             |                 |         |                                |                              |            |           |     |    |                                      |
| St. Mary Paddington WHH G.J. & W.M.   | 69988   | 39                                     | 23                                     | 4                               | 3                                     | -           | 2        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1   | 7  |                                      |
| St. John Paddington H - - G.J.  | 37330   | 5                                      | 15                                     | 1                               | 3                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1   | 7  |                                      |
| Kensington Town Ww - - W.M.   | 120141  | 64                                     | 57                                     | 17                              | 13                                    | -           | 4        | -              | 3           | -               | -       | -                              | -                            | 1          | 1         | 4   | 13 |                                      |
| Brompton HH - - W.M. & C.   | 48010   | 16                                     | 14                                     | 3                               | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1   | 4  |                                      |
| St. Peter Hammersmith - - W.M.  | 7899  | 5                                      | 2                                      | 1                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| St. Paul Hammersmith H W.M. & G.J.  | 64340   | 50                                     | 30                                     | 9                               | 8                                     | -           | 2        | 1              | 1           | 1               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Fulham Ww - - W.M. & C.   | 42900   | 46                                     | 24                                     | 6                               | 6                                     | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -   | 4  |                                      |
| Chelsea South HHH - - C.  | 20396   | 15                                     | 10                                     | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1   | 5  |                                      |
| Chelsea North-west WHHHH - C.   | 24925   | 20                                     | 20                                     | 1                               | 7                                     | -           | 1        | -              | 1           | -               | -       | 1                              | -                            | -          | -         | -   | 13 |                                      |
| Chelsea North-east - - C.   | 23807   | 19                                     | 7                                      | 1                               | -                                     | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| May Fair WW - - G.J.  | 30353   | 8                                      | 10                                     | -                               | 5                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 6  |                                      |
| Belgrave WHH - - C.   | 69220   | 20                                     | 21                                     | 1                               | 5                                     | -           | 1        | -              | 2           | -               | -       | -                              | -                            | -          | 2         | 2   | 10 |                                      |
| St. John Westminster HHH - C.   | 35498   | 15                                     | 9                                      | 1                               | 2                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| St. Margaret Westminster H - C.   | 24679   | 7                                      | 17                                     | 5                               | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 3  |                                      |
| St. James Westminster WHH N.R. & G.J.                                       | 29941   | 10                                     | 9                                      | 1                               | 5                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 4  |                                      |
| St. Anne Soho HHHHHH - N.R.   | 16608   | 10                                     | 2                                      | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1  |                                      |
| NORTH DISTRICTS.  |   |  |  |                                 |                                       |             |          |                |             |                 |         |                                |                              |            |           |     |    |                                      |
| All Souls Marylebone HHHH - W.M.  | 26759   | 5                                      | 14                                     | 2                               | 2                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1   | 7  |                                      |
| Cavendish Square HHHH - W.M.  | 14891   | 4                                      | 3                                      | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Rectory Marylebone WH G.J. & W.M.   | 24809   | 15                                     | 11                                     | 4                               | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| St. Mary Marylebone HHH G.J. & W.M.   | 21138   | 38                                     | 4                                      | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Christchurch Marylebone H - W.M.  | 33700   | 21                                     | 22                                     | 9                               | 2                                     | -           | 6        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | 1  |                                      |
| St. John Marylebone H - W.M.  | 33633   | 20                                     | 11                                     | 4                               | 2                                     | -           | 4        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Hampstead WwHHHH N.R. & W.M.  | 45452   | 22                                     | 17                                     | 4                               | 4                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 3  |                                      |
| Regent's Park Pancras H - W.M.  | 39115   | 28                                     | 10                                     | 1                               | 2                                     | -           | 1        | -              | -           | -               | 1       | -                              | -                            | -          | 2         | 1   | 10 |                                      |
| Tottenham-court WHHHH N.R. & W.M.   | 27729   | 11                                     | 16                                     | 4                               | 5                                     | -           | -        | -              | 1           | -               | 1       | -                              | -                            | 1          | 2         | 2   | 10 |                                      |
| Gray's Inn Lane HHH - - N.R.  | 30247   | 19                                     | 12                                     | 1                               | 3                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | 1  |                                      |
| Somers Town H - - N.R.  | 34369   | 23                                     | 15                                     | 4                               | 2                                     | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Camden Town WH - - N.R.   | 17811   | 14                                     | 13                                     | 8                               | 5                                     | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 8  |                                      |
| Kenish Town W - - N.R.  | 87487   | 49                                     | 44                                     | 15                              | 12                                    | -           | 5        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 3   | 8  |                                      |
| Upper Holloway WwWH - - N.R.  | 67946   | 55                                     | 39                                     | 7                               | 11                                    | -           | 2        | -              | -           | -               | 2       | -                              | -                            | 1          | 2         | 3   | 23 |                                      |
| Islington South-west HH - N.R.  | 100976  | 63                                     | 43                                     | 17                              | 10                                    | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | 4   | 1  |                                      |
| Islington South-east - - N.R.   | 61825   | 38                                     | 17                                     | 4                               | 6                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Highbury H - - N.R.   | 52048   | 38                                     | 20                                     | 1                               | 9                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Stoke Newington H - - N.R.  | 22781   | 14                                     | 4                                      | 1                               | -                                     | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Stamford Hill - - E.L.  | 9277  | 6                                      | 5                                      | -                               | -                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| West Hackney H - - N.R.   | 37610   | 22                                     | 19                                     | 10                              | 2                                     | -           | -        | -              | -           | 1               | -       | 1                              | -                            | -          | -         | -   | -  |                                      |
| Hackney WwWH - - E.L. & N.R.  | 76911   | 52                                     | 42                                     | 5                               | 9                                     | 1           | -        | 8              | -           | -               | -       | 3                              | -                            | 1          | 1         | 4   | 17 |                                      |
| South Hackney - - E.L.  | 39883   | 21                                     | 12                                     | 3                               | 2                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | -  |                                      |
| CENTRAL DISTRICTS.  |   |  |  |                                 |                                       |             |          |                |             |                 |         |                                |                              |            |           |     |    |                                      |
| St. George Bloomsbury - - N.R.  | 16681   | 10                                     | 3                                      | -                               | 1                                     | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -   | -  |                                      |
| St. Giles South WH - - N.R.   | 14864   | 9                                      | 7                                      | 1                               | 3                                     | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | 4  |                                      |
| St. Giles North - - N.R.  | 18837   | 11                                     | 4                                      | 3                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17698   | 4                                      | 9                                      | 2                               | 3                                     | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 5  |                                      |
| St. Mary-le-Strand H - - N.R.   | 7515  | 5                                      | 3                                      | 2                               | -                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| St. Clement Danes H - - N.R.  | 8559  | 1                                      | 4                                      | 1                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 4  |                                      |
| Strand Union Workhouse, Edmonton w.   | -   | -                                      | 1                                      | -                               | 1                                     | 2           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1  |                                      |
| St. Geo.-the-Martyr HHHHHH N.R.   | 18671   | 14                                     | 22                                     | 6                               | 4                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | 1   | 12 |                                      |
| St. Andrew Eastern W - - N.R.   | 10706   | 4                                      | 5                                      | 1                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 2  |                                      |
| Saffron Hill H - - N.R.   | 6638  | 1                                      | 3                                      | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| St. James Clerkenwell - - N.R.  | 17516   | 14                                     | 3                                      | 2                               | -                                     | 1           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Amwell Clerkenwell - - N.R.   | 19281   | 8                                      | 3                                      | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Pentonville - - N.R.  | 14773   | 7                                      | 12                                     | 4                               | 1                                     | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1   | -  |                                      |
| Goswell-street - - N.R.   | 17506   | 14                                     | 6                                      | 1                               | 1                                     | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Old-street H - - N.R.   | 11541   | 8                                      | 5                                      | 2                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| City-road HHL - - N.R.  | 18628   | 12                                     | 9                                      | 2                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 1  |                                      |
| Whitecross-street - - N.R.  | 9217  | 7                                      | 5                                      | 3                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Finsbury - - N.R.   | 7463  | 6                                      | 1                                      | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Holborn Union Workhouse, Mitcam; w.   | -   | -                                      | -                                      | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| St. Botolph H - - N.R. & E.L.   | 11174   | 10                                     | 5                                      | 1                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Cripplegate - - N.R.  | 7193  | 3                                      | -                                      | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| St. Sepulchre H - - N.R.  | 5368  | -                                      | 18                                     | 2                               | -                                     | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1   | 18 |                                      |
| St. Bride W - - N.R.  | 8396  | -                                      | 1                                      | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Alhambra Barking - - N.R.   | 13666   | 2                                      | 1                                      | -                               | 1                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |
| Broad Street H - - N.R.   | 6682  | 1                                      | 1                                      | -                               | -                                     | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -  |                                      |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N. R., New River; E. L., East London and K., the Kent Company.

r, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
day, the 27th October, 1888.

| REGISTRATION<br>SUB-DISTRICTS. |               | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |                |
|--------------------------------|---------------|--|--|--|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----|----------------|
|                                |               |  |  |  | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |    |                |
|                                |               |  |  |  | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |    |                |
|                                |               |  |  |  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |    | Inquest Cases. |
| EAST DISTRICTS.                |               |  |  |  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |                |
| ell Shoreditch                 | N.R. & E.L.   | 7376   | 5                                      | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -  | -              |
| uard Shoreditch                | HL*           | 14967  | 10                                     | 7                                      | 1   | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 2  | -              |
| n New Town                     | w - N.R.      | 29887  | 17                                     | 19                                     | 3   | 12                                  | -           | 1        | -              | -           | 1               | -       | -                              | -                            | 1          | 10        | -  | -              |
| n Old Town                     | - N.R.        | 28636  | 24                                     | 12                                     | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -  | -              |
| ration WH                      | - N.R. & E.L. | 46275  | 40                                     | 25                                     | 8   | 7                                   | -           | 6        | 1              | -           | -               | -       | -                              | -                            | 2          | 1         | 13 | 1              |
| ey-road H                      | - E.L.        | 29738  | 26                                     | 9                                      | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1  | -              |
| Bethnal Green                  | WHL*          | 47892  | 33                                     | 51                                     | 3   | 4                                   | -           | -        | -              | 1           | 1               | -       | -                              | -                            | 1          | 2         | 4  | 6              |
| Bethnal Green                  | - E.L.        | 29681  | 27                                     | 9                                      | 3   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2  | -              |
| Bethnal Green                  | - E.L.        | 19810  | 16                                     | 2                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| elds -                         | - E.L. & N.R. | 22585  | 20                                     | 7                                      | 1   | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| nd New Town                    | W - E.L.      | 15473  | 7                                      | 17                                     | 3   | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 5         | 7  | 12             |
| hapel Church                   | H E.L. & N.R. | 17490  | 15                                     | 33                                     | 3   | 6                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | 2          | 1         | 26 | -              |
| n's Fields                     | - E.L.        | 2713   | 5                                      | 1                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| n -                            | N.R. & E.L.   | 6102   | 2                                      | 3                                      | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| erge's, North                  | - E.L.        | 38747  | 19                                     | 10                                     | 3   | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2  | -              |
| n, St. George East             | W - E.L.      | 8410   | 10                                     | 9                                      | 1   | 6                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4  | -              |
| ell HH                         | - E.L. & N.R. | 16595  | 16                                     | 10                                     | 4   | 1                                   | -           | 1        | -              | -           | 2               | -       | -                              | -                            | -          | -         | 7  | -              |
| ouse -                         | - E.L.        | 16107  | 12                                     | 10                                     | 4   | -                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | 1          | 2         | -  | -              |
| ouse -                         | - E.L.        | 32041  | 25                                     | 30                                     | 7   | 2                                   | -           | 9        | -              | -           | 2               | -       | -                              | -                            | 2          | 2         | 1  | -              |
| nd Old Town West               | - E.L.        | 37960  | 39                                     | 9                                      | 3   | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| nd Old Town East               | WwH-E.L.      | 67658  | 47                                     | 22                                     | 5   | 4                                   | -           | 4        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -  | -              |
| oy wvwhH                       | - E.L.        | 37074  | 26                                     | 21                                     | 2   | 2                                   | -           | 1        | 2              | -           | -               | -       | -                              | -                            | -          | -         | 1  | -              |
| W WH                           | - E.L.        | 64859  | 68                                     | 42                                     | 5   | 10                                  | -           | 9        | -              | -           | -               | -       | 2                              | -                            | 1          | 2         | 3  | 13             |
| W WH                           | - E.L.        | 65077  | 32                                     | 19                                     | 6   | 4                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 2          | 2         | 3  | 1              |
| SOUTH DISTRICTS.               |               |  |  |  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |                |
| hurch Southwark                | WH L. & S.    | 15668  | 13                                     | 5                                      | 4   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1  | 2              |
| our Southwark                  | - S.          | 14999  | 10                                     | 5                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 1              |
| oad -                          | S. & L.       | 21881  | 17                                     | 9                                      | 5   | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | 1  | -              |
| h-road WH                      | - S. & L.     | 12953  | 10                                     | 7                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 2  | 2              |
| h-road HL                      | - S. & L.     | 16165  | 18                                     | 11                                     | 4   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 3  | 1              |
| Newington                      | - L. & S.     | 21818  | 22                                     | 15                                     | 3   | 2                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | -         | 2  | -              |
| er Walworth                    | W - S. & L.   | 59555  | 42                                     | 21                                     | 4   | 9                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1  | -              |
| ry Newington                   | - L. & S.     | 21623  | 21                                     | 10                                     | 2   | 2                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -  | -              |
| re WH                          | - S.          | 11256  | 8                                      | 18                                     | 2   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2  | 16             |
| ry Market                      | - S. & L.     | 16300  | 14                                     | 7                                      | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -  | -              |
| ry Magdalen                    | W - S.        | 16669  | 13                                     | 4                                      | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2  | -              |
| lea Bermondsey                 | - S.          | 54688  | 19                                     | 22                                     | 5   | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| iths WH                        | - S. & K.     | 36024  | 31                                     | 18                                     | 7   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 3          | 4         | 1  | -              |
| oo-road 1st                    | H - L. & S.   | 16165  | 10                                     | 8                                      | 2   | -                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 2  | 1              |
| oo-road 2nd                    | H - L. & S.   | 16341  | 31                                     | 9                                      | 3   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| th Church 1st                  | H - L. & S.   | 19876  | 10                                     | 16                                     | 1   | 1                                   | -           | -        | -              | 1           | 3               | -       | 1                              | -                            | 1          | 1         | 4  | 14             |
| th Church 2nd                  | WW - L. & S.  | 39859  | 41                                     | 17                                     | 4   | 4                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | 5  | -              |
| gton 1st                       | - S. & L.     | 45232  | 43                                     | 14                                     | 6   | 2                                   | -           | 1        | 1              | -           | -               | -       | -                              | -                            | 2          | -         | -  | 3              |
| gton 2nd                       | - S. & L.     | 35832  | 17                                     | 11                                     | 3   | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| d wv                           | - L. & S.     | 62857  | 43                                     | 8                                      | 2   | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| d W                            | - L.          | 19017  | 12                                     | 6                                      | 3   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| attersea                       | - S.          | 54675  | 61                                     | 22                                     | 7   | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2  | -              |
| attersea WwH                   | - S.          | 52587  | 36                                     | 30                                     | 11  | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2  | -              |
| n H                            | - S.          | 36840  | 18                                     | 14                                     | 2   | 5                                   | -           | 1        | -              | -           | 2               | -       | 1                              | -                            | -          | 1         | 2  | 4              |
| north WHL                      | - S.          | 28604  | 18                                     | 14                                     | 2   | 5                                   | -           | 5        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 1              |
| am -                           | - S.          | 13235  | 7                                      | 6                                      | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -  | -              |
| am -                           | - L.          | 26563  | 28                                     | 12                                     | 3   | 5                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -  | 1              |
| well WwL*L*                    | - L. & S.     | 5590   | 1                                      | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| n W                            | - S. & L.     | 49104  | 62                                     | 47                                     | 11  | 18                                  | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| n W                            | - S., L. & K. | 71089  | 53                                     | 35                                     | 9   | 9                                   | -           | 2        | 1              | -           | 1               | -       | -                              | -                            | 2          | 1         | 3  | 23             |
| ge Camberwell                  | - L. & S.     | 40610  | 62                                     | 30                                     | 8   | 6                                   | -           | 4        | 3              | 1           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| Deptford wv                    | - K.          | 76752  | 70                                     | 42                                     | 16  | 7                                   | -           | -        | -              | -           | 1               | -       | 2                              | -                            | -          | 2         | 4  | 3              |
| ola Deptford                   | - K.          | 7501   | 8                                      | 2                                      | -   | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | -  | -              |
| ch West H                      | - K.          | 21972  | 13                                     | 11                                     | 3   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -  | 1              |
| ch East WHH                    | - K.          | 24608  | 21                                     | 21                                     | 3   | 8                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | 1          | 2         | 15 | -              |
| H -                            | - K.          | 7048   | 6                                      | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| m WH                           | - K.          | 21559  | 7                                      | 2                                      | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| m WH                           | - K.          | 19865  | 17                                     | 9                                      | 3   | 1                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | 1         | -  | -              |
| m H                            | - L.          | 26076  | 14                                     | 6                                      | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| H -                            | - K.          | 10980  | 7                                      | 2                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| h Dockyard                     | - K.          | 17617  | 8                                      | 5                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| h Arsenal HH                   | - K.          | 19048  | 17                                     | 11                                     | 4   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | 1              |
| ad, West H                     | - K.          | 14049  | 11                                     | 5                                      | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| ad, East W                     | - K.          | 19241  | 38                                     | 11                                     | 4   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2  | 1              |
| itan Asylum Hospitals:         |               |  |  |  |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |    |                |
| ford w                         | -             | -  | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| hmore Hill w                   | -             | -  | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |
| low w                          | -             | -  | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | -              |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the blue by w:-

Debone Infirmary in Kensington Town sub-district.  
London Sick Asylum in Tottenham Court-road sub-district.  
Infirmity in Upper Holloway sub-district.  
on City Workhouse in Hackney sub-district.  
on " " Boxton New Town sub-district.  
echapel " " Mile End Old Town Eastern sub-district.  
on City " " Mile End Old Town Eastern sub-district.  
and Bromley sub-district.  
ivate Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Houses in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during Week ending Saturday, 27th October, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 815     | 365     | 84  | 109                                 | -           | 9        | 2              | 2           | 7               | 4      | 11         | 4         | 14             | 43                                |
| 30: 1   | Carshalton wL -                | 12238  | 21118   | 11      | 19      | 2   | 3                                   | -           | -        | -              | -           | -               | -      | 2          | -         | -              | 14                                |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 10      | 4       | 2   | 2                                   | -           | 2        | -              | -           | -               | -      | -          | -         | 1              | -                                 |
| 37: 1   | Godstone (part of)* -          | 2754   | 1235  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 38: 1   | Croydon WwHHL -                | 20851  | 101241  | 50      | 23      | 7   | 11                                  | -           | 1        | -              | -           | 2               | -      | 1          | -         | 2              | 7                                 |
| 2   | Mitcham w† -                   | 11697  | 17932   | 14      | 9       | 2   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |
| 39: 1   | Wimbledon HHH -                | 3220   | 15950   | 14      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Kingston WHH -                 | 8549   | 36354   | 29      | 12      | 1   | 5                                   | -           | 1        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |
| 3   | Esher (part of)* -             | 6301   | 9221  | 9       | 6       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |
| 4   | Hampton H -                    | 4573   | 13539   | 9       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 40: 1   | Richmond WH -                  | 2272   | 21302   | 14      | 8       | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 2   | Mortlake -                     | 2941   | 12331   | 6       | 8       | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 41: 1   | Bromley (pt. of)* HH           | 15689  | 31142   | 22      | 10      | -   | 3                                   | -           | -        | -              | -           | -               | -      | 3          | -         | -              | -                                 |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15844   | 16      | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 42: 1   | Bexley H -                     | 13437  | 24134   | 15      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Dartford (Ww, pts. of)*        | -  | -   | -       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 124: 1  | Sunbury w -                    | 11055  | 11685   | 6       | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Staines W -                    | 13277  | 12089   | 10      | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 1                                 |
| 125: 1  | Hillingdon WHH -               | 6029   | 10902   | 6       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Uxbridge -                     | 6178   | 5225  | 3       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Hayes wHL -                    | 14587  | 11526   | 9       | 3       | 1   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 1                                 |
| 126: 1  | Isleworth WHH -                | 7008   | 22727   | 11      | 6       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Twickenham H -                 | 2477   | 12479   | 13      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Brentford HL -                 | 4345   | 27649   | 22      | 6       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 4   | Chiswick -                     | 1340   | 15975   | 21      | 8       | 2   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 5   | Acton wH -                     | 6083   | 22376   | 20      | 7       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |
| 127: 1  | Harrow H -                     | 13809  | 12796   | 11      | 4       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |
| 2   | Edgware H -                    | 6994   | 3749  | 3       | 2       | -   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |
| 3   | Willesden -                    | 4383   | 27453   | 27      | 17      | 5   | 6                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 2              | -                                 |
| 4   | Hendon W -                     | 8382   | 10484   | 9       | 11      | 3   | 3                                   | -           | -        | -              | -           | 1               | -      | 1          | -         | -              | 5                                 |
| 127: 1  | Bushey -                       | 9331   | 6621  | 4       | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Watford (W, pt. of)*           | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 128: 1  | South Mimms -                  | 15699  | 6391  | 5       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Barnet -                       | 5483   | 10092   | 8       | -       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Finchley HL -                  | 4688   | 17615   | 18      | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |
| 125: 1  | Hatfield (part of)*            | 3506   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 129: 1  | Hornsey H -                    | 3039   | 37078   | 28      | 13      | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Tottenham H -                  | 4642   | 46456   | 54      | 27      | 6   | -                                   | -           | 3        | -              | -           | -               | 2      | 1          | 2         | 4              | 1                                 |
| 3   | Edmonton Ww†                   | 7433   | 23463   | 20      | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 4   | Enfield WH -                   | 12653  | 19104   | 23      | 5       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 5   | Waltham Abbey -                | 11017  | 5343  | 3       | 5       | 2   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |
| 6   | Cheshunt -                     | 3490   | 7755  | 6       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 186: 1  | Stratford -                    | 582  | 38003   | 42      | 12      | 4   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | West Ham wwwwH†                | 7251   | 101033  | 131     | 53      | 14  | 4                                   | -           | 1        | 1              | -           | 1               | 1      | 1          | -         | -              | -                                 |
| 3   | Leyton WwL -                   | 4372   | 32439   | 39      | 19      | 3   | 8                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | 8                                 |
| 4   | Walthamstow H -                | 6520   | 28869   | 25      | 12      | 9   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |
| 187: 1  | Chigwell (part of)* H          | 11761  | 9639  | 4       | 3       | -   | 1                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Epping (W, pt. of)*            | -  | -   | 2       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 189: 1  | Romford (part of)* W           | 6730   | 3411  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Ilford -                       | 8493   | 7645  | -       | 3       | 1   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |
| 3   | Barking Town -                 | 4127   | 9203  | 13      | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warringham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cudham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district; 187: 1, Chigwell sub-district, except the parish of Thevdon Bois (pop. 875); 189: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

‡ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 27th October, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year of<br>Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |                                   |  |  |
| GREATER LONDON            | 448,334  | 5,527,886                                      | 19·8  | 2·4                                   | 2102                             | 507                                       | 505  | 1           | 109      | 27                | 33          | 25                  | 23     | 41         | 61        | 440 |  |                                   |  |  |
| GREATER LONDON -          | 77,410   | 4,282,921                                      | 21·2  | 2·7                                   | 1737                             | 423                                       | 396  | 1           | 100      | 25                | 31          | 18                  | 19     | 30         | 57        | 395 |  |                                   |  |  |
| GREATER RING -            | 370,924  | 1,244,965                                      | 15·3  | 1·5                                   | 365                              | 84  | 109  | -           | 9        | 2                 | 2           | 7                   | 4      | 11         | 4         | 45  |  |                                   |  |  |

—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 2 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                        | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                       |
|--------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|--|
| CALCUTTA -                     | 433,219                               | September 15                | -                               | 174     | 20·9                               | Fevers 40; cholera 7; small-pox 2.                   |
| BOMBAY -                       | 773,196                               | October 2                   | 366                             | 462     | 26·6                               | Fevers 141; cholera 14.                              |
| MADRAS -                       | 398,777                               | September 14                | 294                             | 232     | 30·2                               | Fevers 55; cholera 5; diarr. dis. 45.                |
| PARIS -                        | 2,260,945                             | October 20                  | 1064                            | 928     | 21·3                               | Typh. fev. 15; diph. and croup 19; small-pox 3.      |
| BRUSSELS - (with 8 Faubourgs.) | 462,069                               | " 20                        | 227                             | 138     | 15·5                               | Meas. 5; wh.-cough 3; diarr. dis. 20.                |
| AMSTERDAM -                    | 390,016                               | " 20                        | 239                             | 143     | 19·0                               | Typhus & typhd. fev. 3; diphtheria 3.                |
| ROTTERDAM -                    | 193,658                               | " 20                        | 129                             | 87      | 23·3                               | Croup 3.   |
| THE HAGUE -                    | 149,477                               | " 20                        | 103                             | 40      | 13·9                               | Measles 2.   |
| COPENHAGEN -                   | 300,000                               | " 16                        | 265                             | 122     | 21·2                               | Scar. fev. 4; whooping-cough 3.                      |
| STOCKHOLM -                    | 221,549                               | " 13                        | 145                             | 80      | 18·6                               | Scarlet fever 4; diph- and croup 4.                  |
| CHRISTIANIA -                  | 135,600                               | " 20                        | 68                              | 46      | 17·6                               | Diphtheria and croup 7.                              |
| ST. PETERSBURG -               | 842,883                               | " 13                        | -                               | 415     | 25·7                               | Typhus and typhd. fev. 8; measles 9; scar. fev. 11.  |
| BERLIN -                       | 1,438,006                             | " 6                         | 921                             | 583     | 21·1                               | Diphtheria 20; meas. 3; diar. dis. 106.              |
| HAMBURG (State) -              | 550,694                               | " 13                        | 346                             | 240     | 22·7                               | Typhus & typhd. fev. 8; wh.-cgh. 6; diph. & cp. 4.   |
| DRESDEN -                      | 259,142                               | " 13                        | 153                             | 99      | 19·9                               | Diphtheria and croup 5.                              |
| BRESLAU -                      | 313,451                               | " 20                        | 219                             | 142     | 24·0                               | Diphtheria 17.                                       |
| MUNICH -                       | 275,000                               | " 13                        | 184                             | 154     | 29·1                               | Diphtheria and croup 4; scar. fev. 3; diar. dis. 28. |
| VIENNA -                       | 800,836                               | " 13                        | 499                             | 350     | 22·7                               | Diphtheria 8; typhus & typhoid fever 3.              |
| PRAGUE -                       | 295,857                               | " 13                        | -                               | 171     | 30·2                               | Small-pox 8; diph. 8; scar. fev. 6.                  |
| BUDA-PESTH -                   | 442,787                               | " 13                        | 259                             | 193     | 22·7                               | Diphtheria 6; typ. and tpd. fev. 5; diar. dis. 27.   |
| TRIESTE -                      | 156,042                               | " 13                        | -                               | 86      | 28·7                               | Small-pox 12; diphtheria and croup 3.                |
| ROME -                         | 388,300                               | September 1                 | 244                             | 166     | 22·3                               | Typh. fev. 3; mal. fev. 10; diar. dis. 21.           |
| TURIN (10 days) -              | 294,826                               | " 30                        | -                               | -       | -                                  | -  |
| VENICE -                       | 150,502                               | October 13                  | 63                              | 48      | 16·6                               | -  |
| CAIRO -                        | 374,838                               | " 4                         | 441                             | 295     | 41·1                               | Typh. fev. 14; sm.-pox 1; diarr. dis. 117.           |
| ALEXANDRIA -                   | 231,396                               | " 4                         | 210                             | 182     | 41·0                               | Typh. fev. 2; sm.-pox 1; diarr. dis. 71.             |
| NEW YORK -                     | 1,493,000                             | " 6                         | -                               | 621     | 21·7                               | Diph. 15; typhd. fev. 12; sc. fev. 10; small-pox 1.  |
| BROOKLYN -                     | 774,870                               | " 6                         | -                               | 307     | 19·9                               | Diph. 8; typhd. fev. 5; scarlet fever 4.             |
| PHILADELPHIA -                 | 1,016,753                             | " 6                         | -                               | 344     | 17·7                               | Typh. fev. 13; sc. fev. 7; diphtheria 5.             |
| BALTIMORE -                    | 431,879                               | " 6                         | -                               | 158     | 19·1                               | Typhd. fev. 7; diph. 4.                              |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 27<sup>TH</sup> OCTOBER, 1888.  
[Under the Sunrineness of the Astronomer Royal.]

| 1888.          |                     | TEMPERATURE.   |             |          |                 |                   |                                    |                   |                  |   |   | TEMPERATURE.             |                    |                             |          |                    |             |            |                              |                        |   | WIND as deduced from Anemometers.    |          |      |        |        |  |  |  |  |  | Rain collected in a Gauge whose surface is 5 inches above the Ground. |  |
|----------------|---------------------|--|-------------|----------|-----------------|-------------------|------------------------------------|-------------------|------------------|---|---|--------------------------|--------------------|-----------------------------|----------|--------------------|-------------|------------|------------------------------|------------------------|---|--------------------------------------|----------|------|--------|--------|--|--|--|--|--|---|--|
| MONTH AND DAY. | Phases of the Moon. | BARO-METER.<br>Mean daily reading reduced to 32° Fahr. (Bar. at Paris, 761). | Of the Air. |          |                 |                   |                                    | Of the Dew Point. |                  | Difference between the Air Temperature and Dew Point Temperature. | Degree of Humidity (Saturation equals 100). | Of Radiation.            |                    | Of the Thermes at Depuited. |          | Oiler's.           |             |            | Robinson's.                  |                        | Horizontal Movement of the Air on each Day. | Depart-ure from Average of 10 Years. | Miles.   | in.  |        |        |  |  |  |  |  |   |  |
|                |                     |  | High-est.   | Low-est. | Low-est. Range. | Mean daily value. | De-parture from average, 30 years. | Men daily value.  | Men daily value. |   |   | High-est. in Sun's Rays. | Low-est. on Grass. | High-est.                   | Low-est. | General Direction. | P.M.        | Grat-est.  | Pressure on the Square Foot. | Mean of 24 hourly obs. |   |                                      |          |      | Miles. | Miles. |  |  |  |  |  |   |  |
| OCTOBER.       |                     |  |             |          |                 |                   |                                    |                   |                  |   |   |                          |                    |                             |          |                    |             |            |                              |                        |   |                                      |          |      |        |        |  |  |  |  |  |   |  |
| SUN. . 21      | ..                  | 30.247   | 56.2        | 30.1     | 26.1            | 42.0              | - 8.4                              | 40.4              | 1.6              | 12.2  | 0.0   | 94                       | 97.1               | 24.3                        | ..       | ..                 | E. & ENE.   | E. & ENE.  | 0.5                          | 0.0                    | 0.0   | 129                                  | in.      | 0.00 | 0.0    |        |  |  |  |  |  |   |  |
| MON. . 22      | Apogee.             | 30.252   | 53.4        | 35.5     | 17.9            | 44.0              | - 6.1                              | 41.4              | 2.6              | 10.0  | 0.0   | 91                       | 74.5               | 27.5                        | ..       | ..                 | NE.         | E. & ESE.  | 0.0                          | 0.0                    | 0.0   | 103                                  | 0.00     | 0.00 | 0.0    |        |  |  |  |  |  |   |  |
| TUES. . 23     | ..                  | 30.088   | 50.6        | 29.7     | 20.9            | 40.6              | - 9.1                              | 39.2              | 1.4              | 7.2   | 0.0   | 94                       | 79.5               | 25.9                        | ..       | ..                 | Calm & WSW. | WSW. & SW. | 0.3                          | 0.0                    | 0.0   | 138                                  | 0.00     | 0.00 | 0.0    |        |  |  |  |  |  |   |  |
| WED. . 24      | ..                  | 29.921   | 54.0        | 32.8     | 21.2            | 43.2              | - 6.2                              | 41.9              | 1.3              | 8.2   | 0.0   | 95                       | 86.2               | 27.3                        | ..       | ..                 | SW. & WSW.  | SW. & SSW. | 0.5                          | 0.0                    | 0.0   | 142                                  | 0.00     | 0.00 | 0.0    |        |  |  |  |  |  |   |  |
| THURS. . 25    | ..                  | 29.812   | 63.5        | 46.1     | 17.4            | 54.7              | + 5.6                              | 48.8              | 5.9              | 10.4  | 1.9   | 81                       | 112.0              | 43.9                        | ..       | ..                 | SSW.        | SSW.       | 4.0                          | 0.0                    | 0.3   | 241                                  | 0.00     | 0.00 | 0.0    |        |  |  |  |  |  |   |  |
| FRI. . 26      | (greatest Dec. N.   | 29.941   | 63.4        | 54.3     | 9.1             | 58.7              | + 9.9                              | 55.5              | 3.2              | 6.1   | 1.3   | 89                       | 82.0               | 43.2                        | ..       | ..                 | SSW. & SW.  | SW. & SSW. | 5.7                          | 0.0                    | 1.0   | 371                                  | 0.00     | 0.00 | 0.0    |        |  |  |  |  |  |   |  |
| SAT. . 27      | ..                  | 30.006   | 68.4        | 56.0     | 12.4            | 61.1              | + 12.6                             | 53.8              | 7.3              | 14.0  | 0.8   | 77                       | 105.0              | 47.5                        | ..       | ..                 | SW.         | SW. & SSW. | 6.6                          | 0.0                    | 1.4   | 412                                  | 0.00     | 0.00 | 3.0    |        |  |  |  |  |  |   |  |
| MEANS .        | ..                  | 30.051   | 58.5        | 40.6     | 17.9            | 49.2              | - 0.2                              | 45.9              | 3.3              | 9.7   | 0.6   | 89                       | 91.0               | 34.9                        | ..       | ..                 | SW.         |            | ..                           | ..                     | ..  | Sum 1536                             | Sum 0.00 | 0.4  |        |        |  |  |  |  |  |   |  |
| No. of Col.    | 3                   | 4  | 5           | 6        | 7               | 8                 | 9                                  | 10                | 11               | 12  | 13  | 14                       | 15                 | 16                          | 17       | 18                 | 19          | 20         | 21                           | 22                     | 23  | 24                                   | 25       | 26   | 27     |        |  |  |  |  |  |   |  |

The height of the cistern of the barometers 159 feet above the mean level of the sea; no corrections have been applied to the readings to reduce to sea level.

Observations are usually taken at 9h, A.M.; noon; 3h, P.M.; and 9h, P.M. The means of the observations of the barometer, the dry bulb thermometer, and the wet bulb thermometer are referred into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean readings of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868; and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "*higher*," and - "*lower*," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The variables employed are: - P, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the 24th day, or from midnight to midnight, of the day to which the observations refer, except in the case of rain, fog, or from midnight to midnight, of the day to which the observations refer, at the beginning of the week to 20.25 in

## GENERAL REMARKS.

|           |    |                              |      |   |
|-----------|----|------------------------------|------|---|
| SUNDAY    | 21 | 6.3                          | 10.3 | Dense fog prevailed in morning; cloudless throughout day, and very fine till night; then foggy.                 |
| MONDAY    | 22 | 1.8                          | 10.2 | Thin fog in morning; partially cloudy and fine till evening; cloudless with variable fog at night.              |
| TUESDAY   | 23 | 4.0                          | 10.2 | Dense fog in morning; cloudless and fine till evening; few light clouds and fog at night. Cold.                 |
| WEDNESDAY | 24 | 5.7                          | 10.1 | Dense fog in morning; cloudless and very fine till evening; cloudy at night.                                    |
| THURSDAY  | 25 | 3.5                          | 10.0 | Fine; generally cloudy. Very mild.  |
| FRIDAY    | 26 | 0.3                          | 10.0 | In morning a little rain fell; generally overcast till evening; variable amounts of cloud at night. A warm day. |
| SATURDAY  | 27 | 3.9                          | 9.9  | Fine; partially cloudy. A very warm day.  |
|           |    | Instrument under adjustment. |      |   |
|           |    | Sum                          | Sum  |   |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 44. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, NOVEMBER 3. [Price 1½d.

General Register Office, Somerset House,  
5th November, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·6 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |            | TOWNS.               | Weeks ending |             |             |            |
|--------------|--------------|-------------|-------------|------------|----------------------|--------------|-------------|-------------|------------|
|              | Oct.<br>13.  | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. |                      | Oct.<br>13.  | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. |
| Birkenhead   | 18·8         | 20·3        | 17·7        | 11·5       | Liverpool -          | 21·4         | 19·7        | 22·8        | 19·1       |
| Birmingham   | 17·2         | 20·7        | 19·3        | 18·6       | London -             | 18·7         | 20·0        | 21·2        | 19·7       |
| Blackburn -  | 22·4         | 29·8        | 25·4        | 23·2       | Manchester -         | 35·7         | 26·1        | 32·8        | 24·0       |
| Bolton -     | 28·0         | 26·7        | 21·6        | 24·8       | Newcastle-upon-Tyne* | 24·0         | 22·6        | 21·3        | 29·9       |
| Bradford*    | 20·7         | 16·4        | 20·7        | 15·2       | Norwich -            | 19·5         | 21·2        | 16·7        | 23·4       |
| Brighton     | 17·8         | 16·1        | 16·5        | 10·0       | Nottingham*          | 23·5         | 19·4        | 21·0        | 14·0       |
| Bristol -    | 16·8         | 18·9        | 17·0        | 19·6       | Oldham -             | 24·2         | 20·8        | 25·3        | 19·3       |
| Cardiff*     | 23·5         | 23·1        | 25·5        | 19·7       | Plymouth -           | 23·5         | 28·2        | 22·2        | 14·1       |
| Derby -      | 11·9         | 20·1        | 15·7        | 13·6       | Portsmouth -         | 22·8         | 20·6        | 22·1        | 19·8       |
| Halifax -    | 20·2         | 17·6        | 24·7        | 15·0       | Preston -            | 27·3         | 25·8        | 25·3        | 23·7       |
| Huddersfield | 28·5         | 18·3        | 29·1        | 23·4       | Salford*             | 26·7         | 26·5        | 24·4        | 21·7       |
| Hull -       | 21·7         | 16·5        | 22·4        | 17·0       | Sheffield -          | 23·4         | 23·0        | 20·3        | 22·2       |
| Leeds -      | 24·1         | 25·7        | 24·4        | 19·5       | Sunderland -         | 24·9         | 29·3        | 22·2        | 21·0       |
| Leicester*   | 21·0         | 16·0        | 16·0        | 19·9       | Wolverhampton -      | 18·5         | 23·6        | 21·7        | 17·2       |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·7 in Huddersfield, 1·8 in Leicester, 1·9 in Wolverhampton, 2·2 in Leeds, 2·4 in Cardiff, and 3·1 in Blackburn; from *scarlet fever*, 1·1 in Norwich and in Derby, and 1·8 in Blackburn; from *whooping-cough*, 1·3 in Halifax, and 2·3 in Newcastle-upon-Tyne; from "*fever*," 1·4 in Nottingham, and 1·5 in Preston; and from *diarrhœa*, 1·4 in Cardiff, and 2·0 in Newcastle-upon-Tyne. The 47 deaths from *diphtheria* in the twenty-eight towns included 32 in London, 2 in Birmingham, 2 in Manchester, 3 in Salford, and 4 in Newcastle-upon-Tyne. *Small-pox* caused one death in London, but not one in any of the twenty-seven other great towns.

## LONDON.

In LONDON† 2373 BIRTHS and 1613 DEATHS were registered. Allowing for increase of population, the births were 534, and the deaths 27, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had increased in the six preceding weeks from 15·8 to 21·2, declined again last week to 19·7. During the first five weeks of the current quarter the death-rate averaged 19·2, and was 0·1 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1613 deaths included 1 from small-pox, 88 from measles, 24 from scarlet fever, 32 from diphtheria, 19 from whooping-cough, 22 from enteric fever, 34 from

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonston, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



diarrhœa and dysentery, and not one from typhus, ill-defined forms of fever, or cholera; thus, 220 deaths were referred to these diseases, being 19 above the corrected average weekly number.

*Small-pox* caused one death, the corrected average being 5; this death was of the wife of a labourer, in Foskett Road, Fulham, and was the subject of an inquest, the verdict being "sudden; small-pox, p.m." No small-pox patients were under treatment in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital, during the week. The fatal cases of *measles*, which had increased in the five preceding weeks from 30 to 100, declined last week to 88, but exceeded the corrected average by 54; 7 belonged to Kensington, 6 to Pancras, 7 to Stepney, 7 to Mile End Old Town, and 14 to Poplar sanitary areas. The 24 deaths from *scarlet fever* showed a further decline from the numbers returned in the two previous weeks, and were 36 below the corrected average; 4 belonged to Hackney, 3 to Bethnal Green, 2 to Mile End Old Town, 4 to Camberwell, and 2 to Greenwich sanitary areas. At the end of the week the Metropolitan Asylum and the London Fever Hospitals contained 1007 scarlet fever patients, against 1003 and 1009 in the two preceding weeks; 71 cases were admitted during the week, against 119, 101, and 81 in the three previous weeks. The 32 fatal cases of *diphtheria* exceeded the number in the previous week by one, and were 15 above the corrected average; 2 belonged to Paddington, 2 to Fulham, 2 to Pancras, 2 to Bethnal Green, 2 to St. George in the East (at 7, Bird Street), 2 to St. George Southwark, 3 to Lambeth, 3 to Battersea (including 2 at 7, Amies Street), 2 to Wandsworth, and 2 to Woolwich (at 8, Acorn Street), sanitary areas. The 19 fatal cases of *whooping-cough* were 9 below the average. The 34 deaths attributed to *diarrhœa* and *dysentery* showed an increase upon the number in the previous week, and exceeded the corrected average by 9.

The deaths referred to *enteric fever*, which had been 19 and 17 in the two preceding weeks, rose last week to 22, but were 6 below the corrected average; 6 belonged to Islington, 2 to Lambeth, and 4 to Camberwell sanitary areas. The Metropolitan Asylum Hospitals contained 77 cases of enteric fever, and 2 of typhus, on Saturday last; 7 cases of enteric fever were admitted during the week, against 11, 9, and 7 in the three preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the nine preceding weeks from 130 to 522, declined last week to 441, but exceeded the corrected average by 32.

Different forms of violence caused 59 deaths; 46 were the result of negligence or accident, among which were 24 from fractures and contusions, and 14 of infants under one year of age from suffocation. The 24 deaths from fractures and contusions were thus caused:—3 by accidents from vehicles in the street; 3 by accidents on railway; 3 by fall down steps or stairs; 1 by fall on staircase; 1 by fall into area; 1 by fall on floor; 1 by fall into barge; 1 by fall from mother's arms; 1 by fall from window during sleep-walking; 2 by fall, the nature of which was not stated; 1 by blow from winch; 1 by being crushed by log of timber (amputation); 1 by being crushed against guard of engine; 1 by injuries from an iron wire; 1 by injuries from fall of pail; and 2 by fracture, the cause of which was not stated. An inquest was held in each of these 24 cases, except one of the last two. Nine cases of suicide were registered, the corrected average being 7.

The deaths of 4 illegitimate infants were registered during the week at a nursing home for infants at 57, Stepney Green, Mile End Old Town.

#### GREATHER LONDON.

In Greater London 3124 births and 2025 deaths were registered, corresponding to annual rates of 29·5 and 19·1 per 1000 of the estimated population. In the Outer Ring 11 deaths from measles, 10 from diphtheria, and 10 from diarrhœa were registered. Measles caused 5 deaths in West Ham, and 2 in Leyton sub-districts; and 2 deaths from diphtheria were returned in Croydon, in Kingston, and in Tottenham sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·67 ins.; the highest reading was 30·12 ins. at the beginning of the week, and the lowest 29·23 ins. on Friday morning. The mean temperature of the *air* was 50°·3, and 3°·0 above the average in the corresponding weeks of 20 years ending 1868. The mean was slightly below the average on Thursday, but showed an excess (which was 12°·0 on Sunday) on each of the other days of the week. The general direction of the *wind* was S.W., and the horizontal movement of the air averaged 9·7 miles per hour, which was 1·8 miles below the average in the corresponding weeks of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 2·68 inches. The duration of registered bright sunshine in the week was 3·8 hours, against 4·0 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGH. | Cols. | 1.        | Registered during<br>the Week ending<br>8th Nov., 1888. |         | Deaths of<br>1 Year or<br>under<br>15 A.C. |                                    | Deaths of<br>Persons aged<br>15 and<br>upwards. |          | The Deaths registered in the Week include |             |                     |          |           |  |                                  |                     |                                    |             | TEMPERATURE OF THE AIR. |             |       |      |            | RAINFALL. |      | CITIES<br>AND<br>BOROUGH. |      |             |                |
|---------------------------|-------|-----------|---|---------|--|------------------------------------|---|----------|---|-------------|---------------------|----------|-----------|--|----------------------------------|---------------------|------------------------------------|-------------|-------------------------|-------------|-------|------|------------|-----------|------|---------------------------|------|-------------|----------------|
|                           |       |           | BIRTHS.   | DEATHS. | Infants under<br>1 Year of<br>Age.         | Persons aged<br>15 and<br>upwards. | Small-pox.                                      | Measles. | Scarlet<br>Fever.                         | Diphtheria. | Whooping-<br>cough. | Typhoid. | Violence. | Infectious<br>Diseases in<br>Institutions. | Unidentified<br>Causes of Death. | From All<br>Causes. | From<br>Diseases in<br>Cols. 6-12. | Lowest.     |                         |             | Mean. |      | In Inches. | In Cent.  |      |                           |      |             |                |
|                           |       |           |   |         |  |                                    |   |          |   |             |                     |          |           |  |                                  |                     |                                    | Fahrenheit. | Fahrenheit.             | Centigrade. |       |      |            |           |      |                           |      |             |                |
| 28 TOWNS*                 |       | 9,398,273 | 5300  | 3531    | 918  | 746                                | 1   | 160      | 62  | 47          | 55                  | 54       | 88        | 122  | 239                              | 597                 | 61                                 | 19.6        | 2.6                     | 67.2        | 39.0  | 49.3 | 9.61       | 1.53      | 24.  | 23.                       | 24.  | Cols.       |                |
| LONDON*                   |       | 4,282,921 | 2373  | 1613    | 383  | 379                                | 1   | 88       | 24  | 32          | 19                  | 22       | 34        | 59   | 117                              | 369                 | 10                                 | 19.7        | 2.7                     | 65.1        | 43.6  | 50.3 | 10.17      | 2.68      | 6.81 | 2.68                      | 6.81 | - 28 TOWNS. |                |
| BRIGHTON                  |       | 119,983   | 56  | 23      | 8  | 3                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 10.0        | 0.9                     | 60.4        | 44.8  | 50.7 | 10.39      | 2.47      | 6.27 | 2.47                      | 6.27 | LONDON.     |                |
| PORTSMOUTH                |       | 189,575   | 102   | 53      | 15   | 15                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 19.8        | 3.0                     |             |       |      |            |           |      |                           |      | BRIGHTON.   |                |
| NORWICH                   |       | 88,675    | 66  | 42      | 13   | 15                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 23.4        | 2.2                     |             |       |      |            |           |      |                           |      | PORTSMOUTH. |                |
| PLYMOUTH                  |       | 77,674    | 36  | 21      | 7  | 5                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 14.1        | 0.7                     | 60.4        | 41.1  | 50.9 | 10.50      | 1.42      | 3.61 | 1.42                      | 3.61 |             | NORWICH.       |
| BRISTOL                   |       | 236,510   | 125   | 85      | 21   | 20                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 19.6        | 1.6                     | 63.2        | 42.5  | 49.7 | 9.83       | 1.46      | 3.71 | 1.46                      | 3.71 |             | PLYMOUTH.      |
| WOLVERHAMPTON             |       | 81,601    | 63  | 27      | 7  | 8                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 17.2        | 2.6                     | 64.3        | 39.1  | 48.8 | 9.33       | 1.09      | 2.77 | 1.09                      | 2.77 |             | BRISTOL.       |
| BIRMINGHAM                |       | 447,912   | 257   | 160     | 53   | 22                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 18.6        | 2.7                     |             |       |      |            |           |      |                           |      |             | WOLVERHAMPTON. |
| LEICESTER*                |       | 146,790   | 85  | 56      | 18   | 13                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 19.9        | 2.5                     |             |       |      |            |           |      |                           |      |             | BIRMINGHAM.    |
| NOTTINGHAM*               |       | 280,921   | 118   | 62      | 18   | 9                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 14.0        | 2.3                     | 67.2        | 39.3  | 50.0 | 10.00      | 0.85      | 2.16 | 0.85                      | 2.16 |             | LEICESTER.     |
| LIVERPOOL                 |       | 569,738   | 283   | 219     | 65   | 35                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 13.6        | 2.2                     |             |       |      |            |           |      |                           |      |             | NOTTINGHAM.    |
| BOLTON                    |       | 113,566   | 57  | 54      | 11   | 10                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 11.5        | 0.5                     |             |       |      |            |           |      |                           |      |             | LIVERPOOL.     |
| MANCHESTER                |       | 278,164   | 264   | 174     | 48   | 32                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 19.1        | 2.9                     | 61.8        | 43.3  | 49.1 | 9.50       | 1.21      | 3.07 | 1.21                      | 3.07 |             | BOLTON.        |
| SALFORD*                  |       | 226,336   | 112   | 94      | 25   | 22                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 24.0        | 2.1                     |             |       |      |            |           |      |                           |      |             | MANCHESTER.    |
| OLDHAM                    |       | 158,220   | 65  | 51      | 14   | 9                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 21.7        | 3.5                     |             |       |      |            |           |      |                           |      |             | SALFORD.       |
| BLACKBURN                 |       | 119,089   | 95  | 53      | 15   | 4                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 19.3        | 2.6                     |             |       |      |            |           |      |                           |      |             | OLDHAM.        |
| PRESTON                   |       | 163,254   | 65  | 47      | 16   | 4                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 23.2        | 3.6                     |             |       |      |            |           |      |                           |      |             | BLACKBURN.     |
| HUDDESFIELD               |       | 91,419    | 31  | 41      | 9  | 8                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 23.7        | 3.5                     |             |       |      |            |           |      |                           |      |             | PRESTON.       |
| HALIFAX                   |       | 80,138    | 57  | 23      | 6  | 5                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 23.4        | 2.8                     |             |       |      |            |           |      |                           |      |             | HUDDESFIELD.   |
| BRADFORD                  |       | 223,721   | 108   | 67      | 18   | 12                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 15.0        | 1.3                     |             |       |      |            |           |      |                           |      |             | HALIFAX.       |
| LEEDS*                    |       | 351,210   | 237   | 131     | 30   | 22                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 23.2        | 2.3                     | 64.0        | 44.6  | 51.0 | 10.56      | 1.97      | 5.00 | 1.97                      | 5.00 |             | BRADFORD.      |
| SHEFFIELD                 |       | 321,711   | 176   | 137     | 44   | 26                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 19.5        | 2.8                     |             |       |      |            |           |      |                           |      |             | LEEDS.         |
| HULL                      |       | 262,359   | 115   | 66      | 16   | 16                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 22.2        | 1.6                     |             |       |      |            |           |      |                           |      |             | SHEFFIELD.     |
| SUNDERLAND                |       | 181,919   | 76  | 53      | 11   | 7                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 17.0        | 0.8                     | 63.0        | 39.0  | 49.6 | 9.78       | 1.14      | 2.90 | 1.14                      | 2.90 |             | HULL.          |
| NEWCASTLE*                |       | 159,063   | 163   | 91      | 30   | 22                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 21.0        | 0.4                     | 60.0        | 35.0  | 45.3 | 7.39       | 1.11      | 2.82 | 1.11                      | 2.82 |             | SUNDERLAND.    |
| CARDIFF                   |       | 108,570   | 79  | 41      | 9  | 5                                  |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 29.9        | 5.9                     | 56.0        | 42.0  | 46.8 | 8.22       | 1.45      | 3.68 | 1.45                      | 3.68 |             | NEWCASTLE.     |
| EDINBURGH                 |       | 262,733   | 139   | 76      | 16   | 21                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 19.7        | 5.3                     |             |       |      |            |           |      |                           |      |             | CARDIFF.       |
| GLASGOW                   |       | 556,088   | 330   | 200     | 44   | 28                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 15.1        | 1.0                     | 60.2        | 37.0  | 48.9 | 9.59       | 1.69      | 4.04 | 1.69                      | 4.04 |             | EDINBURGH.     |
| DUBLIN                    |       | 353,652   | 145   | 135     | 45   | 35                                 |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 27          | 2.1                     | 61.6        | 41.0  | 49.9 | 9.34       | 1.18      | 3.00 | 1.18                      | 3.00 |             | GLASGOW.       |
|                           |       |           |   |         |  |                                    |   |          |   |             |                     |          |           |  |                                  |                     |                                    | 15          | 3.1                     | 61.6        | 41.0  | 49.9 | 9.34       | 1.18      | 3.00 | 1.18                      | 3.00 |             | DUBLIN.        |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-FOURTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2532 | 2698 | 2706 | 2618 | 2896 | 2623 | 2745 | 2695 | 2556 | 2593 | 2907.4   | 2373 |
| Males               | 1277 | 1370 | 1338 | 1347 | 1441 | 1310 | 1383 | 1410 | 1322 | 1301 | 1472.0   | 1204 |
| Females             | 1255 | 1328 | 1368 | 1271 | 1455 | 1313 | 1362 | 1285 | 1234 | 1292 | 1435.4   | 1169 |
| <b>TOTAL Deaths</b> | 1386 | 1501 | 1513 | 1645 | 1502 | 1440 | 1503 | 1483 | 1332 | 1735 | 1640.1   | 1613 |
| Males               | 726  | 768  | 768  | 849  | 762  | 720  | 789  | 749  | 686  | 896  | 840.5  | 820  |
| Females             | 660  | 733  | 745  | 796  | 740  | 720  | 714  | 730  | 646  | 839  | 799.6  | 793  |

\* The numbers in this column are the average weekly numbers in the forty-fourth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Aug.<br>11. | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. |
|--|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|------------|-------------|-------------|-------------|------------|
| <b>TOTAL Births</b>                      | 2228        | 2604        | 2401        | 2508        | 2475        | 2488         | 2463         | 2395         | 2413       | 2588        | 2459        | 2666        | 2373       |
| <b>TOTAL Deaths</b>                      | 1476        | 1330        | 1438        | 1342        | 1316        | 1330         | 1298         | 1314         | 1352       | 1536        | 1641        | 1737        | 1613       |
| 0-20                                     | 816         | 713         | 838         | 730         | 701         | 666          | 650          | 663          | 676        | 720         | 777         | 849         | 770        |
| 20-40                                    | 174         | 173         | 133         | 159         | 145         | 159          | 177          | 176          | 165        | 219         | 197         | 199         | 189        |
| 40-60                                    | 228         | 177         | 202         | 208         | 205         | 225          | 233          | 199          | 233        | 264         | 297         | 293         | 275        |
| 60-80                                    | 217         | 217         | 221         | 204         | 223         | 235          | 197          | 225          | 224        | 273         | 297         | 325         | 310        |
| at 80 years & upwds.                     | 41          | 50          | 39          | 41          | 42          | 45           | 41           | 46           | 49         | 60          | 73          | 71          | 69         |
| Deaths of children                       |             |             |             |             |             |              |              |              |            |             |             |             |            |
| Under 1 year                             | 493         | 444         | 500         | 441         | 426         | 407          | 385          | 395          | 370        | 388         | 397         | 423         | 383        |
| 1-5                                      | 233         | 187         | 260         | 219         | 202         | 195          | 184          | 185          | 208        | 263         | 277         | 329         | 297        |
| 5-20                                     | 90          | 82          | 78          | 70          | 73          | 64           | 81           | 88           | 98         | 69          | 103         | 97          | 90         |
| Deaths from Small-pox                    | -           | -           | -           | -           | -           | -            | -            | -            | -          | -           | -           | 1           | 1          |
| " Measles                                | 51          | 33          | 47          | 39          | 26          | 27           | 32           | 30           | 39         | 50          | 80          | 100         | 88         |
| " Scarlet fever                          | 17          | 17          | 21          | 15          | 19          | 24           | 20           | 22           | 24         | 30          | 33          | 25          | 24         |
| " Diphtheria                             | 25          | 13          | 17          | 23          | 18          | 18           | 24           | 27           | 35         | 26          | 36          | 31          | 32         |
| " Whooping-cough                         | 27          | 20          | 28          | 24          | 32          | 31           | 22           | 13           | 5          | 18          | 12          | 18          | 19         |
| " Typhus                                 | -           | 2           | -           | -           | -           | -            | -            | -            | 1          | -           | -           | -           | -          |
| " Enteric fever                          | 6           | 2           | 7           | 10          | 11          | 12           | 11           | 13           | 8          | 13          | 19          | 17          | 22         |
| " Simple Contag. fever                   | 1           | 1           | -           | 1           | 1           | 1            | -            | -            | -          | 1           | 1           | 2           | -          |
| " Diarrhoea and Dysentery                | 133         | 162         | 192         | 144         | 131         | 122          | 78           | 77           | 72         | 43          | 42          | 30          | 34         |
| " Cholera                                | 5           | 4           | 7           | 2           | 3           | 1            | 4            | -            | -          | 2           | -           | 1           | -          |
| Deaths from the above-mentioned Diseases | 270         | 254         | 319         | 258         | 241         | 236          | 191          | 182          | 184        | 183         | 223         | 225         | 220        |
| " Dis. of Respiratory System             | 183         | 167         | 172         | 130         | 148         | 184          | 179          | 213          | 239        | 311         | 364         | 522         | 441        |
| " Phthisis                               | 131         | 134         | 108         | 125         | 122         | 132          | 146          | 117          | 150        | 175         | 180         | 157         | 149        |
| " Dis. of Circulatory System             | 123         | 35          | 84          | 91          | 109         | 93           | 114          | 112          | 111        | 138         | 152         | 129         | 138        |
| Violent Deaths                           | 56          | 47          | 47          | 53          | 32          | 61           | 69           | 61           | 51         | 60          | 51          | 57          | 59         |
| Inquest Cases                            | 100         | 91          | 87          | 88          | 71          | 103          | 112          | 101          | 94         | 116         | 109         | 120         | 117        |
| Deaths in Public Institutions            | 341         | 296         | 303         | 292         | 296         | 312          | 293          | 325          | 307        | 346         | 367         | 395         | 369        |
| TEMPERATURE OF THE AIR                   |             |             |             |             |             |              |              |              |            |             |             |             |            |
| Mean                                     | 63.9        | 56.4        | 60.0        | 56.6        | 57.1        | 54.5         | 57.2         | 55.8         | 42.7       | 45.0        | 43.5        | 49.2        | 50.3       |
| Mean of Highest readings                 | 75.2        | 67.1        | 70.2        | 66.4        | 65.9        | 66.3         | 66.3         | 65.2         | 52.6       | 54.7        | 53.4        | 58.5        | 54.7       |
| Mean of Lowest readings                  | 54.3        | 43.6        | 51.8        | 48.4        | 51.2        | 44.7         | 50.0         | 49.9         | 33.5       | 36.2        | 34.4        | 40.6        | 46.7       |
| Humidity of the Air                      | 75          | 77          | 82          | 81          | 83          | 83           | 81           | 90           | 82         | 79          | 87          | 89          | 92         |
| Rain-fall in inches                      | 0.11        | 0.00        | 0.81        | 1.22        | 0.16        | 0.06         | 0.00         | 0.51         | 0.11       | 0.02        | 0.00        | 0.00        | 2.63       |
| Registered Sunshine (in hours)           | 47.5        | 27.8        | 29.2        | 32.2        | 20.8        | 42.4         | 32.6         | 12.7         | 33.0       | 24.6        | 24.5        | 25.5        | 3.8        |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLeanborough, Esq., F.G.S., F.R.Met.S., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-FOURTH Week of the Year 1888.

| CAUSES OF DEATH.                           | Corrected Averages for the 44th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 3rd November 1888. |           |      |       |                  |                  |                  |                  |                       |           | CAUSES OF DEATH.  | Corrected Averages for the 44th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 3rd November 1888. |      |       |                  |                  |                  |                       |    |   |   |  |  |
|--|---|---|-----------|------|-------|------------------|------------------|------------------|------------------|-----------------------|-----------|---|---|---|------|-------|------------------|------------------|------------------|-----------------------|----|---|---|--|--|
|  |   | Deaths of Persons of the Ages                   |           |      |       |                  |                  |                  |                  |                       |           |   |   | Deaths of Persons of the Ages                   |      |       |                  |                  |                  |                       |    |   |   |  |  |
|  |   | ALL AGES.                                       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 and under 90. | 90 years and upwards. | ALL AGES. |   |   | Under 20.                                       |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 years and upwards. |    |   |   |  |  |
|  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                  |                       |           |   |   | 0-1.  | 1-5. | 5-20. |                  |                  |                  |                       |    |   |   |  |  |
| ALL CAUSES - -                             | 1640*   | 1613  | 383       | 297  | 90    | 189              | 275              | 310              | 69               |                       |           | Diseases of Organs of Special Sense † - -                 | 3.3   | 3   | 1    | 1     | 1                | -                | -                | -                     | -  | - | - |  |  |
| Small-pox { Vaccinated † - -               | 5   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Diseases of Circulatory System - -                        | 113.1   | 133   | -    | -     | 8                | 18               | 43               | 55                    | 9  |   |   |  |  |
| Unvaccinated - -                           |   | 1   | -         | -    | -     | 1                | -                | -                | -                | -                     | -         | Croup - - - -   | 15.0  | 11  | 2    | 7     | 2                | -                | -                | -                     | -  | - |   |  |  |
| No Statement - -                           |   | 33.8  | 83        | 13   | 65    | 10               | -                | -                | -                | -                     | -         | Bronchitis - - -  | 246.4   | 232   | 85   | 57    | 1                | 8                | 37               | 73                    | 16 |   |   |  |  |
| Measles - - - -                            | 59.8  | 24  | 2         | 17   | 5     | -                | -                | -                | -                | -                     | -         | Pneumonia - - -   | 105.9   | 111   | 31   | 33    | 5                | 7                | 16               | 11                    | 2  |   |   |  |  |
| Scarlet Fever - -                          | 1.6   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Pleurisy - - - -  | 6.1   | 4   | -    | -     | -                | 2                | -                | 2                     | -  |   |   |  |  |
| Typhus - - - -                             | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Other Diseases of Respiratory System - -                  | 35.1  | 33  | 3    | 11    | -                | 5                | 4                | 10                    | -  |   |   |  |  |
| Relapsing Fever †                          | 0.2   | 1   | -         | -    | -     | -                | -                | 1                | -                | -                     | -         | Dentition † - - -   | 10.9  | 11  | 6    | 5     | -                | -                | -                | -                     | -  |   |   |  |  |
| Influenza - - -                            | 27.6  | 19  | 12        | 7    | -     | -                | -                | -                | -                | -                     | -         | Quinsy, Sore Throat †                                     | 2.1   | 4   | -    | 2     | 1                | 1                | -                | -                     | -  |   |   |  |  |
| Whooping-cough -                           | 18.8  | 32  | -         | 20   | 12    | -                | -                | -                | -                | -                     | -         | Enteritis - - - -   | 7.6   | 9   | 5    | 2     | -                | 1                | -                | 1                     | -  |   |   |  |  |
| Diphtheria - - -                           | 2.9   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Peritonitis - - -   | 5.9   | 8   | -    | 1     | -                | 5                | 2                | -                     | -  |   |   |  |  |
| Simple Continued and Ill-defined Fever -   | 28.0  | 22  | -         | 1    | 6     | 12               | 2                | 1                | -                | -                     | -         | Diseases of Liver -                                       | 33.3  | 17  | 3    | -     | -                | 3                | 6                | 3                     | 2  |   |   |  |  |
| Enteric Fever - -                          | 0.4   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Other Diseases of Digestive System -                      | 26.2  | 23  | 9    | 1     | 2                | 8                | 5                | 3                     | -  |   |   |  |  |
| Cholera - - - -                            | 25.2  | 84  | 27        | 5    | -     | -                | -                | 2                | -                | -                     | -         | Diseases of Lymphatic System & of Ductless Glands † - - - | 2.8   | 1   | -    | -     | -                | 1                | -                | -                     | -  |   |   |  |  |
| Diarrhoea, Dysentery                       | 0.5   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Diseases of Urinary System - - -                          | 39.5  | 30  | 1    | 1     | 3                | 4                | 11               | 18                    | 1  |   |   |  |  |
| Remittent Fever †                          | 0.3   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Diseases of Generative System - - -                       | 5.5   | 4   | -    | -     | -                | 1                | 3                | -                     | -  |   |   |  |  |
| Hydrophobia - -                            | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Accidents of Childbirth -                                 | 3.9   | 4   | -    | -     | -                | 3                | 1                | -                     | -  |   |   |  |  |
| Glanders - - - -                           | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Diseases of Locomotive System † - - -                     | 9.7   | 6   | -    | 1     | -                | -                | 3                | 2                     | -  |   |   |  |  |
| Cowpox and Effects of Vaccination † - -    | 0.5   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Diseases of Integumentary System - -                      | 5.8   | 4   | 1    | -     | -                | -                | 1                | 1                     | 1  |   |   |  |  |
| Veneral Affections                         | 10.1  | 9   | 8         | 1    | -     | -                | -                | -                | -                | -                     | -         | VIOLENT DEATHS. ‡   |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |
| Erysipelas - - -                           | 7.7   | 4   | 1         | -    | -     | 1                | 1                | 1                | -                | -                     | -         | ACCIDENT.)  |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |
| Pyæmia and Septicæmia †                    | 3.0   | 5   | -         | -    | -     | 1                | 3                | 1                | -                | -                     | -         | Fracture and Contusion                                    | 13.2  | 21  | 2    | 2     | 2                | 4                | 10               | 3                     | 1  |   |   |  |  |
| Puerperal Fever -                          | 8.2   | 6   | -         | -    | -     | 6                | -                | -                | -                | -                     | -         | Gunshot Wound - -   | 0.1   | -   | -    | -     | -                | -                | -                | -                     | -  |   |   |  |  |
| Other Zymotic Diseases †                   | 1.6   | 1   | -         | 1    | -     | -                | -                | -                | -                | -                     | -         | Cut, Stab - - - -   | 0.2   | -   | -    | -     | -                | 1                | -                | -                     | -  |   |   |  |  |
| Thrush - - - -                             | 2.3   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | Burn and Scald - -  | 4.9   | 1   | -    | -     | -                | -                | -                | -                     | -  |   |   |  |  |
| Worms and other Parasitical Diseases - -   | 0.4   | 1   | -         | -    | -     | 1                | -                | -                | -                | -                     | -         | Poison - - - - -  | 1.5   | 1   | -    | -     | -                | -                | -                | -                     | -  |   |   |  |  |
| Starvation, Want of Breast-milk † - -      | 1.4   | 1   | 1         | -    | -     | -                | -                | -                | -                | -                     | -         | Drowning - - - -  | 8.2   | 1   | -    | -     | -                | -                | 1                | -                     | -  |   |   |  |  |
| Alcoholism - - -                           | 5.3   | 6   | -         | -    | -     | 2                | 3                | 1                | -                | -                     | -         | Suffocation - - -   | 11.3  | 16  | 14   | 2     | -                | -                | -                | -                     | -  |   |   |  |  |
| Rheumatic Fever, Rheumatism of Heart †     | 12.2  | 7   | -         | 2    | 1     | -                | 3                | 1                | -                | -                     | -         | Otherwise - - - -   | 2.6   | 4   | 3    | -     | 1                | -                | -                | -                     | -  |   |   |  |  |
| Rheumatism † - -                           | 1.4   | -   | -         | -    | -     | -                | -                | -                | -                | -                     | -         | (HOMICIDE.)   |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |
| Gout - - - - -                             | 2.9   | 3   | -         | -    | -     | -                | 2                | 1                | -                | -                     | -         | Murder & Manslaughter                                     | 2.0   | 4   | 3    | -     | -                | 1                | -                | -                     | -  |   |   |  |  |
| Rickets † - - -                            | 1.9   | 4   | 1         | 3    | -     | -                | -                | -                | -                | -                     | -         | (SUICIDE.)  |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |
| Cancer - - - - -                           | 49.3  | 47  | -         | -    | -     | 2                | 20               | 25               | -                | -                     | -         | Gunshot Wound - -   | 0.9   | 1   | -    | -     | -                | 1                | -                | -                     | -  |   |   |  |  |
| Tabs Mesenterica                           | 28.6  | 21  | 15        | 5    | -     | 1                | -                | -                | -                | -                     | -         | Cut, Stab - - - -   | 2.5   | 1   | -    | -     | -                | -                | 1                | -                     | -  |   |   |  |  |
| Tubercular Meningitis                      | 22.6  | 17  | 7         | 6    | 2     | 2                | -                | -                | -                | -                     | -         | Poison - - - - -  | 0.5   | 1   | -    | -     | -                | -                | -                | -                     | -  |   |   |  |  |
| Phthisis - - - -                           | 132.4   | 149   | -         | 2    | 16    | 71               | 47               | 13               | -                | -                     | -         | Drowning - - - -  | 0.4   | 4   | -    | -     | -                | 2                | -                | 2                     | -  |   |   |  |  |
| Serofula, Tuberculosis                     | 14.4  | 10  | 2         | 6    | 2     | -                | -                | -                | -                | -                     | -         | Hanging - - - - -   | 1.5   | 1   | -    | -     | -                | -                | 1                | -                     | -  |   |   |  |  |
| Other Constitutional Diseases †            | 11.3  | 11  | -         | -    | 3     | 2                | 2                | 4                | -                | -                     | -         | Otherwise - - - -   | 1.1   | 1   | -    | -     | -                | 1                | -                | -                     | -  |   |   |  |  |
| Premature Birth - -                        | 36.0  | 23  | 23        | -    | -     | -                | -                | -                | -                | -                     | -         | (EXECUTION.)  |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |
| Atelectasis † - -                          | 1.9   | 1   | 1         | -    | -     | -                | -                | -                | -                | -                     | -         | Hanging - - - - -   | 0.0   | -   | -    | -     | -                | -                | -                | -                     | -  |   |   |  |  |
| Congenital Malformations -                 | 6.1   | 3   | 2         | -    | 1     | -                | -                | -                | -                | -                     | -         | OTHER CAUSES † - -  | 60.2  | 60  | 51   | 4     | 1                | -                | 2                | 2                     | -  |   |   |  |  |
| Old Age - - - -                            | 51.1  | 53  | -         | -    | -     | -                | -                | 20               | 83               | -                     | -         |   |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |
| Apoplexy - - - -                           | 41.8  | 41  | -         | 1    | -     | 1                | 13               | 17               | 4                | -                     | -         |   |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |
| Epilepsy - - - -                           | 5.7   | 9   | -         | -    | 1     | 4                | 2                | 2                | -                | -                     | -         |   |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |
| Convulsions - - -                          | 42.9  | 41  | 34        | 6    | 1     | -                | -                | -                | -                | -                     | -         |   |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |
| Other Diseases of Brain and Nervous System | 30.4  | 83  | 13        | 11   | 3     | 7                | 13               | 23               | -                | -                     | -         |   |   |   |      |       |                  |                  |                  |                       |    |   |   |  |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).  
 \* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.048 per cent. for increase of population.  
 † As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.  
 ‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."  
 § The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DYPHTHERIA, WHOOPING-COUGH, TYPHUS, ENTERIC (OR TYPHOID) FEVER, SIMPLE CONTINUED FEVER, DIARRHÆA, VIOLENCE, INQUEST CASES, and Deaths in Public Institutions, during the Week ended

|   |  | The DEATHS registered in the Week include    |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                   |                                   |
|---|--|--|--|--|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|-------------------|-----------------------------------|
|   |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     | Inquest<br>Cases. | Deaths in Public<br>Institutions. |
|   |  |  |  |  | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |                   |                                   |
| REGISTRATION<br>SUB-DISTRICTS.  |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                   |                                   |
| LONDON . . . . .  |  | 3,815,704                                    | 2275                                   | 1613                                   | 383                             | 379                                 | 1           | 68       | 24             | 32          | 19              | -       | 23                             | -                            | 84         | 59        | 117 | 369               |                                   |
| WEST DISTRICTS . . . . .  |  | 809,553                                      | 322                                    | 239                                    | 53                              | 84                                  | 1           | 16       | -              | 10          | -               | -       | 4                              | -                            | 5          | 13        | 23  | 70                |                                   |
| NORTH DISTRICTS . . . . .   |  | 905,947                                      | 555                                    | 366                                    | 84                              | 99                                  | -           | 15       | 10             | 4           | 6               | -       | 7                              | -                            | 5          | 8         | 20  | 74                |                                   |
| CENTRAL DISTRICTS . . . . .   |  | 282,238                                      | 133                                    | 123                                    | 22                              | 26                                  | -           | 9        | 1              | 1           | 4               | -       | 3                              | -                            | 2          | 0         | 14  | 89                |                                   |
| EAST DISTRICTS . . . . .  |  | 692,738                                      | 492                                    | 346                                    | 85                              | 63                                  | -           | 39       | 5              | 3           | 2               | -       | 2                              | -                            | 11         | 14        | 34  | 89                |                                   |
| SOUTH DISTRICTS . . . . .   |  | 1,265,148                                    | 866                                    | 491                                    | 134                             | 108                                 | -           | 9        | 6              | 14          | 7               | -       | 6                              | -                            | 11         | 13        | 23  | 75                |                                   |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                      | 2                                      | -                               | -                                   | -           | -        | 2              | -           | -               | -       | -                              | -                            | -          | -         | -   | 2                 |                                   |
| WEST DISTRICTS.   |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                   |                                   |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69888  | 43                                     | 29                                     | 4                               | 5                                   | -           | 2        | -              | 2           | -               | -       | -                              | -                            | -          | 2         | 4   | 8                 |                                   |
| St. John Paddington H - - - G.J.  |  | 37330  | 8                                      | 15                                     | 2                               | 5                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | -          | 1         | 1   | 7                 |                                   |
| Kensington Town Ww - - - W.M.   |  | 120141                                       | 36                                     | 46                                     | 6                               | 17                                  | -           | 6        | -              | 1           | -               | -       | -                              | -                            | 1          | 4         | 5   | 14                |                                   |
| Brompton HH - - - W.M. & C.   |  | 43010  | 9                                      | 19                                     | 1                               | 7                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 7                 |                                   |
| St. Peter Hammersmith - - - W.M.  |  | 7899   | 5                                      | 2                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 43                                     | 24                                     | 9                               | 6                                   | -           | 1        | -              | 2           | -               | -       | 1                              | -                            | -          | 2         | 4   | 2                 |                                   |
| Fulham Ww - - - W.M. & C.   |  | 42900  | 51                                     | 36                                     | 11                              | 10                                  | 1           | 4        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 9   | -                 |                                   |
| Chelsea South HHH - - - C.  |  | 30396  | 19                                     | 15                                     | 6                               | 4                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 1   | 8                 |                                   |
| Chelsea North-west WHHHH- C.  |  | 24925  | 16                                     | 15                                     | 4                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1   | 7                 |                                   |
| Chelsea North-east - - - C.   |  | 32807  | 21                                     | 6                                      | 3                               | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -   | -                 |                                   |
| May Fair WW - - - G.J.  |  | 30353  | 2                                      | 10                                     | -                               | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 7                 |                                   |
| Belgrave WHH - - - C.   |  | 69220  | 22                                     | 24                                     | 4                               | 6                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | 1         | 2   | 10                |                                   |
| St. John Westminster HHH - - C.   |  | 35496  | 19                                     | 14                                     | 2                               | 4                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 2   | -                 |                                   |
| St. Margaret Westminster H - - C.   |  | 24679  | 7                                      | 12                                     | 4                               | 2                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | 1          | 1         | 2   | 6                 |                                   |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941  | 13                                     | 10                                     | 2                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | 1                 |                                   |
| St. Anne Soho HHHHHH - N.R.   |  | 16608  | 10                                     | 5                                      | -                               | 2                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -   | 3                 |                                   |
| NORTH DISTRICTS.  |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                   |                                   |
| All Souls Marylebone HHHH - W.M.  |  | 26763  | 13                                     | 18                                     | 3                               | 6                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 2   | 9                 |                                   |
| Cavendish Square HHHH - - W.M.  |  | 14391  | 3                                      | 4                                      | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 7                 |                                   |
| Rectory Marylebone WH G.J. & W.M.   |  | 24909  | 14                                     | 8                                      | -                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 3                 |                                   |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 30                                     | 8                                      | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 1                 |                                   |
| Christchurch Marylebone H - W.M.  |  | 33700  | 18                                     | 13                                     | 6                               | 2                                   | -           | 5        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. John Marylebone H - - W.M.  |  | 33633  | 14                                     | 12                                     | 3                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Hampstead WwvHHHH N.R. & W.M.   |  | 45452  | 26                                     | 19                                     | 3                               | 5                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 2          | -         | -   | 6                 |                                   |
| Regent's Park Pancras H - - W.M.  |  | 39115  | 20                                     | 7                                      | 2                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 13                                     | 21                                     | 1                               | 8                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3   | 15                |                                   |
| Gray's Inn Lane HHH - - - N.R.  |  | 30247  | 13                                     | 13                                     | 3                               | 1                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | -          | 1         | 2   | 4                 |                                   |
| Somers Town H - - - N.R.  |  | 34369  | 18                                     | 17                                     | 6                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2   | 1                 |                                   |
| Camden Town WH - - - N.R.   |  | 17311  | 16                                     | 19                                     | 4                               | 7                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 10                |                                   |
| Kentish Town W - - - N.R.   |  | 87487  | 60                                     | 34                                     | 9                               | 7                                   | -           | 5        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   | 6                 |                                   |
| Upper Holloway WwvH - - - N.R.  |  | 67946  | 52                                     | 24                                     | 3                               | 6                                   | -           | -        | -              | -           | -               | 5       | -                              | -                            | -          | -         | -   | 9                 |                                   |
| Islington South-west HH - - N.R.  |  | 100976                                       | 53                                     | 42                                     | 7                               | 8                                   | -           | 2        | 1              | -           | 2               | -       | -                              | -                            | -          | 1         | -   | -                 |                                   |
| Islington South-east - - - N.R.   |  | 61825  | 36                                     | 20                                     | 5                               | 8                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | -   | -                 |                                   |
| Highbury H - - - N.R.   |  | 52048  | 29                                     | 9                                      | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 2                 |                                   |
| Stoke Newington H - - - N.R.  |  | 22781  | 21                                     | 11                                     | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | -                 |                                   |
| Stamford Hill - - - E.L.  |  | 9277   | 12                                     | 7                                      | 2                               | 3                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | 1          | -         | -   | -                 |                                   |
| West Hackney H - - - N.R.   |  | 37610  | 20                                     | 14                                     | 4                               | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -                 |                                   |
| Hackney WwvH - - - E.L. & N.R.  |  | 76911  | 60                                     | 30                                     | 8                               | 6                                   | -           | -        | 5              | 3           | -               | -       | -                              | -                            | 1          | -         | 2   | 8                 |                                   |
| South Hackney - - - E.L.  |  | 39483  | 29                                     | 16                                     | 7                               | 5                                   | -           | -        | 1              | -           | 3               | -       | -                              | -                            | 1          | -         | 1   | -                 |                                   |
| CENTRAL DISTRICTS.  |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                   |                                   |
| St. George Bloomsbury - - - N.R.  |  | 16681  | 8                                      | 5                                      | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Giles South WH - - - N.R.   |  | 14864  | 19                                     | 8                                      | 2                               | 4                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | 5                 |                                   |
| St. Giles North - - - N.R.  |  | 13837  | 2                                      | 4                                      | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 3                                      | 7                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3   | 1                 |                                   |
| St. Mary-le-Strand H - - - N.R.   |  | 7515   | 4                                      | 3                                      | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1   | -                 |                                   |
| St. Clement Danes H - - - N.R.  |  | 8559   | 3                                      | 16                                     | 2                               | 1                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | 1         | 1   | 11                |                                   |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Geo. the Martyr HHHHHH N.R.   |  | 18871  | 5                                      | 8                                      | 1                               | -                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 2   | 3                 |                                   |
| St. Andrew Eastern W - - - N.R.   |  | 10706  | 3                                      | 2                                      | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 1                 |                                   |
| Saffron Hill H - - - N.R.   |  | 6533   | 5                                      | 1                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. James Clerkenwell - - - N.R.  |  | 17516  | 8                                      | 7                                      | 1                               | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Amwell Clerkenwell - - - N.R.   |  | 16281  | 7                                      | 4                                      | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -   | -                 |                                   |
| Pentonville - - - N.R.  |  | 14773  | 19                                     | 7                                      | 8                               | -                                   | -           | 2        | -              | -           | 1               | -       | -                              | -                            | 2          | 1         | -   | -                 |                                   |
| Goswell-street - - - N.R.   |  | 1706   | 10                                     | 4                                      | 3                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Old-street H - - - N.R.   |  | 11541  | 9                                      | 5                                      | -                               | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| City-road HHL - - - N.R.  |  | 18628  | 13                                     | 11                                     | 2                               | 1                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3                 |                                   |
| Whitecross-street - - - N.R.  |  | 9217   | 7                                      | 1                                      | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Finsbury - - - N.R.   |  | 7463   | 3                                      | 1                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Holborn Union Workhouse, Mitcham, w.  |  | -  | -                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Botolph H - - - N.R. & E.L.   |  | 11174  | 1                                      | 8                                      | 1                               | 3                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Cripplegate - - - N.R.  |  | 7193   | 2                                      | 1                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| St. Sepulchre H - - - N.R.  |  | 3393   | 2                                      | 14                                     | -                               | 5                                   | -           | -        | -              | -           | -               | 3       | -                              | -                            | 1          | 2         | 13  | -                 |                                   |
| St. Bride W - - - N.R.  |  | 3396   | 4                                      | 3                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 2                 |                                   |
| Allhallows Barking - - - N.R.   |  | 13666  | 1                                      | 4                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |
| Broad Street H - - - N.R.   |  | 5662   | -                                      | 2                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -                 |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., signifying Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.

ER, DYPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
rday, the 3rd November, 1888.

|                                |             | The DEATHS registered in the Week include    |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |   |                |                                   |                                  |
|--------------------------------|-------------|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|---|----------------|-----------------------------------|----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS. |             | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           |   | Inquest Cases. | Deaths in Public<br>Institutions. | Unclassified Causes<br>of Death. |
|                                |             |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |   |                |                                   |                                  |
|                                |             |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |   |                |                                   |                                  |
| EAST DISTRICTS.                |             |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |   |                |                                   |                                  |
| Well Shoreditch                | N.R. & E.L. | 7376   | 6                                   | 2                                   | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| Leonard Shoreditch             | HL*         | 14967  | 8                                   | 4                                   | -                               | -                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1 | 2              |                                   |                                  |
| on New Town                    | W           | 28987  | 21                                  | 17                                  | 2                               | 6                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1 | 5              |                                   |                                  |
| on Old Town                    | -           | 28086  | 24                                  | 15                                  | 6                               | 2                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 2 | -              |                                   |                                  |
| erston                         | WH          | 46275  | 23                                  | 18                                  | 2                               | 7                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1 | 6              |                                   |                                  |
| ney-road                       | H           | 28788  | 27                                  | 21                                  | 5                               | 1                                   | -          | 4        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | - | 1              |                                   |                                  |
| n, Bethnal Green               | WHL*        | 47482  | 42                                  | 29                                  | 3                               | 12                                  | -          | 1        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 1 | 17             |                                   |                                  |
| h, Bethnal Green               | -           | 19081  | 34                                  | 7                                   | 6                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | - | -              |                                   |                                  |
| n, Bethnal Green               | -           | 19810  | 15                                  | 6                                   | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| Fields                         | -           | 22656  | 8                                   | 8                                   | 6                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2 | 2              |                                   |                                  |
| End New Town                   | W           | 18473  | 14                                  | 10                                  | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2 | 8              |                                   |                                  |
| Michael Church                 | H           | 17490  | 8                                   | 21                                  | 4                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 5 | 10             |                                   |                                  |
| man's Fields                   | -           | 9713   | 2                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ate                            | -           | 6102   | 4                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| George's North                 | -           | 38747  | 34                                  | 7                                   | 4                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ohn, St. George East           | W           | 8410   | 10                                  | 9                                   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1 | 3              |                                   |                                  |
| well                           | HH          | 10885  | 9                                   | 19                                  | 8                               | -                                   | -          | -        | -              | 2           | -               | -       | -                              | -                            | -          | 4         | - | -              |                                   |                                  |
| in                             | -           | 16107  | 13                                  | 10                                  | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3 | 15             |                                   |                                  |
| house                          | -           | 32041  | 14                                  | 7                                   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1 | -              |                                   |                                  |
| End Old Town West              | -           | 27660  | 38                                  | 15                                  | 4                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1 | -              |                                   |                                  |
| End Old Town East              | WuH         | 27683  | 44                                  | 41                                  | 9                               | 9                                   | -          | 6        | 2              | -           | -               | -       | -                              | -                            | -          | 1         | 1 | 3              |                                   |                                  |
| ley                            | -           | 37074  | 23                                  | 10                                  | 1                               | -                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2 | -              |                                   |                                  |
| lay                            | WuH         | 64859  | 18                                  | 46                                  | 10                              | 6                                   | -          | 9        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 5 | 7              |                                   |                                  |
| ar                             | -           | 65077  | 30                                  | 22                                  | 5                               | 2                                   | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2 | 13             |                                   |                                  |
| SOUTH DISTRICTS.               |             |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |   |                |                                   |                                  |
| Church Southwark               | WH          | 12663  | 11                                  | 2                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| aviour Southwark               | -           | 14969  | 8                                   | 3                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| -road                          | -           | 21581  | 15                                  | 9                                   | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ugh-road                       | WH          | 12663  | 13                                  | 5                                   | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | - | -              |                                   |                                  |
| on-road                        | HL          | 21818  | 18                                  | 9                                   | 2                               | 3                                   | -          | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1 | 2              |                                   |                                  |
| ly Newington                   | -           | 27672  | 12                                  | 3                                   | 3                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2 | 1              |                                   |                                  |
| er Walworth                    | W           | 29555  | 35                                  | 19                                  | 4                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ary Newington                  | -           | 21623  | 17                                  | 6                                   | 2                               | 1                                   | -          | 1        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1 | -              |                                   |                                  |
| ave                            | WH          | 11856  | 6                                   | 19                                  | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| er Market                      | -           | 12200  | 8                                   | 6                                   | 4                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 4         | 4 | 15             |                                   |                                  |
| ary Magdalen                   | W           | 12669  | 7                                   | 6                                   | -                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ames Bermondsey                | -           | 24683  | 34                                  | 15                                  | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | 2              |                                   |                                  |
| gribble                        | WH          | 22024  | 21                                  | 18                                  | 9                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1 | 2              |                                   |                                  |
| loo-road 1st                   | H           | 15795  | 7                                   | 8                                   | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| loo-road 2nd                   | H           | 16821  | 14                                  | 4                                   | 3                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| eth Church 1st                 | H           | 19776  | 19                                  | 13                                  | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1 | 8              |                                   |                                  |
| eth Church 2nd                 | W           | 33559  | 31                                  | 23                                  | 8                               | 7                                   | -          | 1        | -              | 2           | -               | -       | -                              | -                            | -          | -         | 1 | 9              |                                   |                                  |
| ington 1st                     | -           | 45339  | 32                                  | 11                                  | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1 | -              |                                   |                                  |
| ington 2nd                     | -           | 34832  | 24                                  | 9                                   | 6                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| on                             | W           | 62337  | 42                                  | 16                                  | 4                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ood                            | W           | 18017  | 8                                   | 6                                   | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| Battersea                      | -           | 54675  | 41                                  | 11                                  | 5                               | 1                                   | -          | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| Battersea                      | WuH         | 51487  | 47                                  | 28                                  | 10                              | 6                                   | -          | -        | -              | 1           | 2               | -       | -                              | -                            | -          | 2         | 2 | 6              |                                   |                                  |
| am                             | H           | 35340  | 21                                  | 11                                  | -                               | 5                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| arworth                        | WHL         | 28004  | 27                                  | 13                                  | -                               | 7                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| y                              | -           | 13235  | 4                                   | 8                                   | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ham                            | -           | 25533  | 55                                  | 9                                   | 3                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| h                              | -           | 5590   | 2                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| arwell                         | WuL*        | 59104  | 35                                  | 26                                  | 4                               | 12                                  | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| am                             | W           | 7189   | 41                                  | 34                                  | 8                               | 6                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1 | 13             |                                   |                                  |
| orge Camberwell                | -           | 60810  | 32                                  | 26                                  | 8                               | 2                                   | -          | 3        | 8              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| al Deptford                    | Wu          | 76722  | 19                                  | 54                                  | 12                              | 3                                   | -          | 1        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 1 | 1              |                                   |                                  |
| holas Deptford                 | -           | 7501   | 5                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| wish West                      | H           | 21972  | 12                                  | 4                                   | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | - | -              |                                   |                                  |
| wish East                      | WHH         | 24608  | 18                                  | 19                                  | 3                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1 | 2              |                                   |                                  |
| n                              | H           | 7048   | 4                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| n                              | -           | 21549  | 9                                   | 3                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| nam                            | WH          | 19865  | 18                                  | 12                                  | 3                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | - | 3              |                                   |                                  |
| nam                            | H           | 24076  | 37                                  | 4                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| on                             | H           | 16820  | 4                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ish Dockyard                   | -           | 17617  | 9                                   | 6                                   | -                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ish Arsenal                    | HH          | 19445  | 15                                  | 10                                  | 4                               | 1                                   | -          | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ead, West                      | H           | 14049  | 11                                  | 3                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| ead, East                      | W           | 12241  | 20                                  | 7                                   | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| Milton Asylum Hospitals:       |             |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |   |                |                                   |                                  |
| erford                         | W           | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| chmore Hill                    | W           | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |
| istow                          | W           | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - | -              |                                   |                                  |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the table by w:-

Weymouth Infirmary in Kensington Town sub-district.  
Royal London Sick Asylum, in Tottenham Court-road sub-district.  
Barn Infirmary in Upper Holloway sub-district.  
St. Mary's Workhouse in Islington sub-district.  
St. Mark's Workhouse in Islington sub-district.  
St. Paul's Workhouse in Islington sub-district.  
St. Vincent's Workhouse in Islington sub-district.  
St. George's Workhouse in Islington sub-district.  
St. Andrew's Workhouse in Islington sub-district.  
St. John's Workhouse in Islington sub-district.  
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TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during Week ending Saturday, 3rd November, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.    | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |  |
|---|-----------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--|
|   |                                   |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |  |
|   |                                   |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |
|   |                                   |  |   |         |         |   |                                     |             |          |                |             |                 |        |            |           |                |                                   |  |
| LONDON—OUTER RING   |                                   | 370,924  | 950,957   | 751     | 412     | 85  | 115                                 | -           | 11       | 1              | 10          | 4               | 4      | 10         | 9         | 24             | 39                                |  |
| 80: 1   | Carshalton <i>wL</i>              | 12258  | 21118   | 15      | 5       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | 3          | 1         | 1              | -                                 |  |
| 2   | Epsom (part of) * <i>WwH</i>      | 9971   | 10710   | 5       | 12      | -   | 8                                   | -           | -        | -              | -           | -               | -      | -          | -         | 4              | 5                                 |  |
| 87: 1   | Godstone (part of) *              | 2754   | 1235  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 88: 1   | Croydon <i>WwHHL</i>              | 20951  | 101241  | 77      | 38      | 9   | 12                                  | -           | -        | -              | 2           | 1               | 1      | -          | -         | 2              | 2                                 |  |
| 2   | Mitcham <i>w†</i>                 | 11697  | 17932   | 11      | 6       | 1   | 1                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |
| 89: 1   | Wimbledon <i>HHH</i>              | 3220   | 15950   | 16      | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Kingston <i>WHH</i>               | 8549   | 38354   | 24      | 18      | 2   | 8                                   | -           | -        | -              | 2           | -               | 1      | -          | -         | 1              | 5                                 |  |
| 3   | Esher (part of) *                 | 6601   | 9221  | 4       | 4       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 4   | Hampton <i>H</i>                  | 4573   | 13539   | 5       | 3       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 40: 1   | Richmond <i>WH</i>                | 2972   | 21302   | 11      | 10      | 1   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | 2              | 8                                 |  |
| 2   | Mortlake                          | 2011   | 12331   | 4       | 1       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 41: 1   | Bromley (pt. of) * <i>HH</i>      | 15649  | 31142   | 15      | 11      | 3   | 3                                   | -           | -        | -              | -           | -               | -      | 2          | -         | -              | -                                 |  |
| 2   | Chislehurst (pt. of) * <i>WHH</i> | 14307  | 15844   | 3       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |  |
| 42: 1   | Rexley <i>H</i>                   | 13437  | 24134   | 14      | 11      | 1   | 6                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Dartford ( <i>Ww</i> , pts. of) * | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 124: 1  | Sunbury <i>w</i>                  | 11055  | 11685   | 6       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 2   | Staines <i>W</i>                  | 13277  | 12089   | 7       | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |  |
| 125: 1  | Hillingdon <i>WHH</i>             | 6029   | 10302   | 6       | 5       | -   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 2   | Uxbridge                          | 6173   | 3225  | 3       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |
| 3   | Hayes <i>wHL</i>                  | 14537  | 11523   | 8       | 7       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 6                                 |  |
| 126: 1  | Isleworth <i>WHH</i>              | 7003   | 23727   | 8       | 5       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |  |
| 2   | Twickenham <i>H</i>               | 2477   | 12479   | 7       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 3   | Brentford <i>HL</i>               | 4945   | 27649   | 14      | 12      | 1   | 4                                   | -           | -        | -              | 1           | -               | -      | -          | -         | 1              | -                                 |  |
| 4   | Chiswick                          | 1340   | 15975   | 13      | 7       | 4   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 5   | Acton <i>wH</i>                   | 8083   | 22376   | 16      | 4       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |
| 127: 1  | Harrow <i>H</i>                   | 13809  | 12798   | 10      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Edgware <i>H</i>                  | 6924   | 3749  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Willersden                        | 4333   | 27453   | 38      | 10      | 3   | 1                                   | -           | 1        | -              | -           | -               | -      | 1          | 2         | 2              | -                                 |  |
| 4   | Hendon <i>W</i>                   | 8332   | 10434   | 9       | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 137: 1  | Bushey                            | 9331   | 6621  | 7       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Watford ( <i>W</i> , pt. of) *    | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 128: 1  | South Mimms                       | 15599  | 6391  | 3       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Barnet                            | 5433   | 10092   | 4       | 6       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 3   | Finchley <i>HL</i>                | 4638   | 17615   | 22      | 7       | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |  |
| 135: 1  | Hatfield (part of) *              | 3908   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 129: 1  | Hornsey <i>H</i>                  | 3039   | 37078   | 23      | 17      | 3   | 4                                   | -           | 1        | -              | -           | 1               | -      | -          | -         | 1              | -                                 |  |
| 2   | Tottenham <i>H</i>                | 4642   | 46456   | 62      | 26      | 10  | 5                                   | -           | 1        | -              | 2           | -               | -      | -          | -         | -              | 1                                 |  |
| 3   | Edmonton <i>Ww†</i>               | 7493   | 23433   | 22      | 12      | 1   | 3                                   | -           | 1        | -              | -           | -               | 1      | -          | -         | -              | 1                                 |  |
| 4   | Enfield <i>WH</i>                 | 12653  | 19104   | 23      | 8       | 1   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 5   | Waltham Abbey                     | 11017  | 5363  | 3       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 6   | Cheshunt                          | 8490   | 7735  | 13      | 5       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 136: 1  | Stratford                         | 832  | 38603   | 39      | 18      | 9   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 2   | West Ham <i>wewwH‡</i>            | 7351   | 101053  | 83      | 56      | 16  | 5                                   | -           | 5        | -              | 1           | -               | -      | 2          | 4         | 6              | -                                 |  |
| 3   | Leyton <i>WwL</i>                 | 4372   | 32430   | 32      | 36      | 6   | 10                                  | -           | 2        | -              | 1           | -               | -      | -          | -         | -              | 7                                 |  |
| 4   | Walthamstow <i>H</i>              | 6590   | 28869   | 35      | 15      | 5   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 137: 1  | Chiswell (part of) * <i>H</i>     | 11761  | 9839  | 6       | 4       | -   | -                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Epping ( <i>W</i> , pt. of) *     | -  | -   | 4       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 139: 1  | Romford (part of) * <i>W</i>      | 6730   | 3411  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Ilford                            | 8493   | 7643  | 3       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Barking Town                      | 4127   | 9203  | 7       | 3       | -   | -                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -              | -                                 |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Asenstead and Headley (pop. 1235); 37: 1, the parishes of Warrington and Farley in Goddington sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1893); 41: 1, Bromley sub-district, except the parishes of Catwell and Knochholt (pop. 1313); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 133: 1, the parish of Newsway in the sub-district; 137: 1, Chiswell sub-district, except the parish of Theobald Bois (pop. 475); 139: 1, the parish of Dagenham in Romford sub-district; 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in St. Paul Union Workhouse and in Metropolitan Asylum Hospital, Wingham Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 3rd November, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>18-8. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |                                   |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Deaths in Public<br>Institutions. |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16.                               |  |  |
| THE LONDON                | 448,334  | 5,527,886                                      | 19.1  | 2.5                                   | 2025                             | 468                                       | 494  | 1           | 99       | 25                | 42          | 23                  | 26     | 44         | 68        | 408                               |  |  |
| INNER LONDON              | 77,410   | 4,282,921                                      | 19.7  | 2.7                                   | 1613                             | 383                                       | 379  | 1           | 88       | 24                | 32          | 19                  | 22     | 34         | 59        | 369                               |  |  |
| OUTER RING                | 370,924  | 1,244,965                                      | 17.3  | 1.7                                   | 412                              | 85  | 115  | -           | 11       | 1                 | 10          | 4                   | 4      | 10         | 9         | 39                                |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA                     | 433,219                               | September 22                | -                               | 207     | 24.9                               | Fevers 67; cholera 18; small-pox 1.                   |
| BOMBAY                       | 773,196                               | October 9                   | 297                             | 479     | 27.6                               | Fevers 142; cholera 8; small-pox 1.                   |
| MADRAS                       | 398,777                               | September 21                | 298                             | 290     | 37.7                               | Fevers 57; cholera 5; diarr. dis. 50.                 |
| PARIS                        | 2,260,945                             | October 27                  | 1188                            | 996     | 22.9                               | Typd. fev. 18; diph. and croup 25; small-pox 3.       |
| BRUSSELS (with 8 Faubourgs.) | 462,069                               | " 27                        | 218                             | 169     | 19.0                               | Measles 7; typh. & typhd. fever 2.                    |
| AMSTERDAM                    | 390,016                               | " 27                        | 254                             | 135     | 18.0                               | Diphtheria 4; meas. 4; whooping-cough 7.              |
| ROTTERDAM                    | 193,658                               | " 27                        | 143                             | 68      | 18.2                               | Whooping-cough 2.                                     |
| THE HAGUE                    | 149,477                               | " 27                        | 101                             | 55      | 19.0                               | -   |
| COPENHAGEN                   | 300,000                               | " 23                        | 185                             | 126     | 20.9                               | Scar. fev. 2; diph. 2.                                |
| STOCKHOLM                    | 221,549                               | " 20                        | 135                             | 71      | 16.6                               | Diphtheria and croup 4; whooping-cough 2.             |
| CHRISTIANIA                  | 185,600                               | " 27                        | 101                             | 46      | 17.6                               | Diphtheria and croup 7.                               |
| ST. PETERSBURG               | 842,883                               | " 20                        | -                               | 366     | 22.7                               | Typhus & typhd. fev. 12; scarlet fev. 12; diph. 6.    |
| BERLIN                       | 1,438,006                             | " 13                        | 396                             | 522     | 18.9                               | Diph. 20; scar. fev. 9; typhus and typd. fev. 4.      |
| HAMBURG (State)              | 1,506,994                             | " 20                        | 353                             | 285     | 27.1                               | Diphtheria and croup 15; diarr. dis. 57.              |
| DRESDEN                      | 259,142                               | " 20                        | 171                             | 99      | 19.9                               | Scarlet fever 2; diph- and croup 2.                   |
| BRISLAU                      | 313,451                               | " 27                        | 181                             | 128     | 21.7                               | Diphtheria 9.   |
| MUNICH                       | 275,000                               | " 20                        | 183                             | 154     | 29.1                               | Diphtheria and croup 3; scar. fev. 3; diarr. dis. 23. |
| VIENNA                       | 800,836                               | " 20                        | 569                             | 361     | 23.4                               | Diphtheria 11; typ. and typd. fev. 3; sm.-pox 1.      |
| PRAGUE                       | 295,857                               | " 20                        | -                               | 182     | 23.3                               | Small-pox 8; diph. 13; scar. fev. 4.                  |
| BUDA-PESTH                   | 442,787                               | " 20                        | 297                             | 200     | 24.5                               | Diphtheria 5; typ. & typd. fever 7; diarr. dis. 27.   |
| TRIBSTE                      | 156,042                               | " 20                        | -                               | 65      | 21.7                               | Small-pox 5; diphtheria and croup 4.                  |
| ROME                         | 388,300                               | September 8                 | 224                             | 171     | 23.0                               | Typd. fev. 8; mal. fev. 9; diarr. dis. 22.            |
| TURIN (10 days)              | 194,826                               | " 30                        | 277                             | 121     | 15.0                               | Typd. fev. 2; diarr. dis. 19.                         |
| VENICE                       | 150,502                               | October 20                  | -                               | -       | -                                  | -   |
| CAIRO                        | 374,938                               | " 11                        | 467                             | 348     | 49.4                               | Typd. fev. 13; dip. & cp. 4; diarr. dis. 131.         |
| ALEXANDRIA                   | 231,396                               | " 11                        | 226                             | 181     | 40.8                               | Typhd. fev. 6; diarr. dis. 52.                        |
| NEW YORK                     | 1,493,000                             | " 13                        | -                               | 702     | 24.5                               | Scar. fev. 19; diph. 18; wh.-cough 17.                |
| BROOKLYN                     | 774,870                               | " 13                        | -                               | 284     | 18.4                               | Scarlet fev. 7; diph. 8; typhoid fever 8.             |
| PHILADELPHIA                 | 1,016,768                             | " 13                        | -                               | 333     | 17.1                               | Typd. fev. 17; sc. fev. 4; diphtheria 4.              |
| BALTIMORE                    | 431,879                               | " 13                        | -                               | 147     | 17.8                               | Typd. fev. 3; sc. fev. 3.                             |





# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,  
12th November, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·0 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |             |            |             | TOWNS.             | Weeks ending |             |            |             |
|--------------|--------------|-------------|------------|-------------|--------------------|--------------|-------------|------------|-------------|
|              | Oct.<br>20.  | Oct.<br>27. | Nov.<br>3. | Nov.<br>10. |                    | Oct.<br>20.  | Oct.<br>27. | Nov.<br>3. | Nov.<br>10. |
| Birkenhead   | 20·3         | 17·7        | 11·5       | 19·8        | Liverpool -        | 19·7         | 22·8        | 19·1       | 21·5        |
| Birmingham   | 20·7         | 19·3        | 18·6       | 18·6        | London -           | 20·0         | 21·2        | 19·7       | 18·5        |
| Blackburn -  | 29·8         | 25·4        | 23·2       | 25·0        | Manchester -       | 26·1         | 32·8        | 24·0       | 25·5        |
| Bolton -     | 26·7         | 21·6        | 24·8       | 24·8        | Newcastle-on-Tyne* | 22·6         | 21·3        | 29·9       | 25·6        |
| Bradford*    | 16·4         | 20·7        | 15·2       | 15·4        | Norwich -          | 21·2         | 16·7        | 23·4       | 23·4        |
| Brighton -   | 16·1         | 16·5        | 10·0       | 15·2        | Nottingham*        | 19·4         | 21·0        | 14·0       | 12·2        |
| Bristol -    | 18·9         | 17·0        | 19·6       | 18·7        | Oldham -           | 20·8         | 25·3        | 19·3       | 22·7        |
| Cardiff*     | 23·1         | 25·5        | 19·7       | 23·5        | Plymouth -         | 28·2         | 22·2        | 14·1       | 17·5        |
| Derby -      | 20·1         | 15·7        | 13·6       | 20·6        | Portsmouth -       | 20·6         | 22·1        | 19·8       | 19·1        |
| Halifax -    | 17·6         | 24·7        | 15·0       | 15·0        | Preston -          | 25·8         | 25·3        | 23·7       | 24·8        |
| Huddersfield | 18·3         | 29·1        | 23·4       | 23·4        | Salford*           | 26·5         | 24·4        | 21·7       | 20·3        |
| Hull -       | 16·5         | 22·4        | 17·0       | 12·9        | Sheffield -        | 23·0         | 20·3        | 22·2       | 16·1        |
| Leeds -      | 25·7         | 24·4        | 19·5       | 18·6        | Sunderland -       | 29·3         | 22·2        | 21·0       | 19·4        |
| Leicester*   | 16·0         | 16·0        | 19·9       | 14·6        | Wolverhampton -    | 23·6         | 21·7        | 17·2       | 14·0        |

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·8 in Blackburn, 2·2 in Portsmouth, 3·0 in Leeds, and 3·8 in Cardiff; from *scarlet fever*, 1·0 in Manchester, 1·2 in Salford, and 2·2 in Blackburn; from *whooping-cough*, 1·0 in Birkenhead; from "*fever*," 1·1 in Oldham, 1·3 in Newcastle-upon-Tyne, and 1·6 in Salford; and from *diarrhœa*, 1·4 in Bolton and in Cardiff, and 1·6 in Derby. The 45 deaths from *diphtheria* in the twenty-eight towns included 34 in London, 2 in Liverpool, and 6 in Salford. *Small-pox* caused one death in Preston and one in Hull, but not one in London or in any of the twenty-five other great towns.

## LONDON.

In LONDON† 2770 BIRTHS and 1520 DEATHS were registered. Allowing for increase of population, the births were 70, and the deaths 167, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·2 and 19·7 in the two preceding

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



weeks, further declined last week to 18·5. During the first six weeks of the current quarter the death-rate averaged 19·1, and was 0·4 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1520 deaths included 109 from measles, 18 from scarlet fever, 34 from diphtheria, 15 from whooping-cough, 14 from enteric fever, 18 from diarrhoea and dysentery, and not one from typhus, ill-defined forms of fever, or cholera; thus, 208 deaths were referred to these diseases, being 11 below the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; and no small-pox patients were under treatment in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital, during the week. The fatal cases of *measles*, which had been 100 and 88 in the two preceding weeks, rose again last week to 109, and exceeded the corrected average by 65; 9 belonged to Paddington, 9 to Kensington, 8 to Marylebone, 13 to Pancras, 9 to Clerkenwell, 7 to Mile End Old Town, and 10 to Poplar sanitary areas. The 18 deaths from *scarlet fever* showed a further decline from recent weekly numbers, and were 44 below the corrected average; 2 belonged to Lambeth, 3 to Camberwell, and 2 to Lewisham sanitary areas. At the end of the week the Metropolitan Asylum and the London Fever Hospitals contained 969 scarlet fever patients, against 1009 and 1007 in the two preceding weeks; 85 cases were admitted during the week, against numbers declining from 119 to 71 in the four previous weeks. The 34 fatal cases of *diphtheria* exceeded the number returned in either of the two previous weeks, and exceeded the corrected average by 12; 4 belonged to Kensington, 3 to Westminster, 4 to Pancras, 3 to Mile End Old Town (including 2 at 33, Devonshire Street), 6 to Lambeth, 2 to Wandsworth, and 2 to Greenwich sanitary areas. The 15 fatal cases of *whooping-cough* were fewer by 4 than the number in the previous week, and 13 below the corrected average; 4 belonged to Camberwell sanitary area. The deaths attributed to *diarrhoea* and *dysentery*, which had ranged in the eleven preceding weeks between 192 and 30, further declined last week to 18, and were 5 below the corrected average.

The deaths referred to *enteric fever*, which had been 17 and 22 in the two preceding weeks, declined last week to 14, and were 13 below the corrected average; 2 belonged to Islington, 2 to Newington, and 2 to Camberwell sanitary areas. The Metropolitan Asylum Hospitals contained 76 cases of enteric fever, and 2 of typhus, on Saturday last; 9 cases of enteric fever were admitted during the week, against 7 in each of the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 522 and 441 in the two preceding weeks, further declined last week to 373, and were 60 below the corrected average.

Different forms of violence caused 50 deaths; 37 were the result of negligence or accident, among which were 17 from fractures and contusions, 6 from burns and scalds, and 10 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused:—6 by accidents from vehicles in street; 2 by accidents on railway; 1 by fall from window; 1 by fall from wall; 1 by fall down stairs; 1 by fall in room; 1 by fall into hold of ship; 1 by fall, the nature of which was not stated; 1 by injuries from fall of bench; and 2 by fracture, the cause of which was not stated. An inquest was held in each of these 17 cases, except one of the last two. Thirteen cases of suicide were registered, the corrected average being 6.

#### GREATER LONDON.

In Greater London 3571 births and 1896 deaths were registered, corresponding to annual rates of 33·7 and 17·9 per 1000 of the estimated population. In the Outer Ring 9 deaths from measles, 7 from "fever", 6 from scarlet fever, 6 from diphtheria, and 6 from whooping-cough were registered. Three fatal cases of fever occurred in Croydon and 3 in Tottenham sub-districts; and 3 of measles in Tottenham sub-district.

Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during October will be found on pages 463-464.

## METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·64 ins.; the lowest reading was 29·56 ins. at the beginning of the week, and the highest 29·71 ins. on Saturday morning. The mean temperature of the *air* was 42°·1, and 2°·6 below the average in the corresponding weeks of 20 years ending 1868. The mean showed an excess on Sunday and Monday, but was below the average on each of the other days of the week. The general direction of the *wind* was Easterly, and the horizontal movement of the air averaged 13·9 miles per hour, which was 2·2 miles above the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·20 of an inch. The duration of registered bright sunshine in the week was 12·5 hours, against 10·6 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of OCTOBER 1888; according to their returns 161,994,888 gallons or 736,017 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 218 gallons 99·0 decalitres), being rather less than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 27·9 gallons (12·7 decalitres) to each person, against 27·9 gallons in October 1887.

| COMPANIES.                              | Number of Houses, &c.<br>supplied in |                   | Average daily Supply of Water<br>in Gallons. |                   |
|---|--------------------------------------|-------------------|--|-------------------|
|   | OCTOBER.<br>1887.                    | OCTOBER.<br>1888. | OCTOBER.<br>1887.                            | OCTOBER.<br>1888. |
| <b>TOTAL SUPPLY</b> . . . .             | 731,508                              | 744,592           | 159,115,975                                  | 161,994,888       |
| From Thames . . . . .                   | 352,806                              | 358,784           | 81,954,887                                   | 80,490,057        |
| From Lea and from other Sources . . . . | 378,702                              | 385,808           | 77,161,088                                   | 81,504,831        |
| <b>THAMES.</b>                          |                                      |                   |  |                   |
| Chelsea . . . . .                       | 34,615                               | 34,717            | 9,674,585                                    | 8,940,631         |
| West Middlesex . . . . .                | 69,749                               | 70,876            | 14,437,995                                   | 15,112,887        |
| Southwark and Vauxhall . . . . .        | 108,516                              | 110,213           | 23,207,062                                   | 22,925,966        |
| Grand Junction . . . . .                | 53,763                               | 54,881            | 15,844,245                                   | 16,388,373        |
| Lambeth . . . . .                       | 86,163                               | 88,097            | 18,731,000                                   | 17,122,200        |
| <b>LEA AND OTHER SOURCES.</b>           |                                      |                   |  |                   |
| New River . . . . .                     | 149,297                              | 151,433           | 29,079,000                                   | 30,043,000        |
| East London . . . . .                   | 159,872                              | 163,145           | 36,514,439                                   | 39,749,360        |
| Kent . . . . .                          | 69,533                               | 71,330            | 11,567,649                                   | 11,712,471        |

*Note.*—The Return for October 1888, compared with that for the corresponding month of 1887, shows an increase of 13,084 houses, and an increase of 2,878,918 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING OCTOBER.

Grove House, Pembroke Square, W.,  
9th November, 1888.

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of October.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Kent, Colne Valley, and Tottenham 0·8, New River 0·9, Southwark 1·6, Chelsea 1·8, Grand Junction and Lambeth 1·9, West Middlesex 2·0, East London 2·1.

The proportion of organic matter present in the Thames water supplied by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies was, as in the previous month, exceptionally small for river water. All the samples were clear and bright.

The water principally derived from the Lea, and distributed by the New River and East London Companies also contained only a small proportion of organic matter, the amount present in the New River Company's supply being less than in any of the other river waters. Both waters were clear and bright.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health contained, as usual, only a very small proportion of organic matter, and the Colne Valley Company by softening their supply with lime before delivery, thereby rendered it also of excellent quality for washing and all other domestic purposes.



Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, Tottenham, and New River, clear and colourless; Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, and East London, clear and very pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports of the water supplied to that town "that the organic matter is a trifle higher than during the two previous months."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES. |   | Date<br>and Place of Collection.                                   | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|------------------------------------|---|--|---------------------------------------|---------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                      | THAMES.                                   |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Chelsea - - -                             | { October 26th,<br>Cab Rank, Horseguards,<br>Whitehall. }          | 10°·8                                 | 25·76                     | ·075            | ·030              | 0        | ·189                                     | ·219                        | 1·8       | 19·1            |
|                                    | West Middlesex -                          | { October 26th,<br>Cab Rank, Portland-road. }                      | 11°·3                                 | 26·90                     | ·080            | ·040              | 0        | ·193                                     | ·233                        | 1·8       | 20·0            |
|                                    | Southwark - - -                           | { October 26th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. } | 11°·0                                 | 27·40                     | ·073            | ·022              | 0        | ·233                                     | ·255                        | 1·8       | 20·6            |
|                                    | Grand Junction -                          | { October 26th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. } | 10°·0                                 | 27·44                     | ·082            | ·028              | 0        | ·212                                     | ·240                        | 1·8       | 20·9            |
|                                    | Lambeth - - -                             | { October 26th,<br>Cab Rank, St. George's-<br>road, Southwark. }   | 10°·3                                 | 28·64                     | ·038            | ·022              | 0        | ·323                                     | ·345                        | 1·8       | 21·5            |
|                                    | LEA.                                      |  |                                       |                           |                 |                   |          |  |                             |           |                 |
| Outer Circle.                      | New River - - -                           | { October 26th,<br>Cab Rank, Tottenham<br>Court-road. }            | 10°·6                                 | 29·50                     | ·039            | ·013              | 0        | ·252                                     | ·265                        | 1·7       | 22·7            |
|                                    | East London - -                           | { October 26th,<br>Fire Brigade Station,<br>Commercial-road, E. }  | 10°·5                                 | 31·44                     | ·094            | ·030              | 0        | ·213                                     | ·243                        | 1·9       | 23·6            |
|                                    | DEEP WELLS.                               |  |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Kent - - - - -                            | { October 26th,<br>Mill Lane, Deptford. }                          | 13°·0                                 | 41·64                     | ·037            | ·012              | 0        | ·474                                     | ·486                        | 2·5       | 31·5            |
|                                    | { Colne Valley - -                        | { October 26th,<br>Bushey. }                                       | —                                     | 15·88                     | ·039            | ·011              | 0        | ·391                                     | ·402                        | 1·9       | 6·7             |
| Outer Circle.                      | { Tottenham - - -                         | { October 8th,<br>Tottenham. }                                     | —                                     | 40·04                     | ·036            | ·013              | ·040     | ·061                                     | ·109                        | 2·6       | 23·0            |
|                                    | Corporation of Birming-<br>ham* - - - - - | { October 8th,<br>2 Court, Manchester-st. }                        | 10°·0                                 | 26·56                     | ·146            | ·025              | ·002     | ·110                                     | ·137                        | 1·4       | 14·5            |
| Corporation of Glasgow†.           |   | { October 15th,<br>Loch Katrine Water. }                           | 9°·6                                  | 2·70                      | ·123            | ·031              | 0        | ·004                                     | ·035                        | ·7        | 1·0             |
| Column 1.                          |   | 2.   | 3.                                    | 4.                        | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.  
† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 26th October at the Horseguards cab-rank, had a temperature of 10°·8 C.; 100,000 lbs. of it contained 25·76 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·075 lb. of carbon and ·030 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·189 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·219 lb. The above weight of water also contained 1·8 lbs. of chlorine; and 19·1 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>mid of<br>1888. |      | Registered during<br>the Week ending<br>10th Nov., 1888. |     | Deaths of<br>Persons aged<br>60 Years<br>or over<br>1 Year of<br>Age. |    | Deaths from |    |    |     |     |     | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week 5 Deaths<br>Causes. |     |     |      | TEMPERATURE OF THE AIR. |     |         |         | RAINFALL. |      | CITIES<br>AND<br>BOROUGH. |                                    |
|---------------------------|--|------|--|-----|---|----|-------------|----|----|-----|-----|-----|---|-----|-----|------|-------------------------|-----|---------|---------|-----------|------|---------------------------|------------------------------------|
|                           | 1.   | 2.   | 3.   | 4.  | 5.  | 6. | 7.          | 8. | 9. | 10. | 11. | 12. | 13.   | 14. | 15. | 16.  | 17.                     | 18. | Mean.   |         | 23.       | 24.  |                           |                                    |
|                           |  |      |  |     |   |    |             |    |    |     |     |     |   |     |     |      |                         |     | Births. | Deaths. |           |      |                           | Infants under<br>1 Year of<br>Age. |
| 28 Towns.                 | 9,398,273  | 6025 | 3430   | 889 | 705   | 2  | 188         | 56 | 45 | 40  | 44  | 57  | 113   | 237 | 620 | 62   | 19'0                    | 2'4 | 57'0    | 42'5    | 5'83      | 0'83 | 24.                       | Cols.                              |
| LONDON*                   | 4,282,921  | 2770 | 1320   | 400 | 338   | -  | 109         | 18 | 34 | 15  | 14  | 18  | 50  | 110 | 346 | 25   | 18'5                    | 2'5 | 55'7    | 42'1    | 5'61      | 0'20 | 23.                       | - 28 Towns.                        |
| BRIGHTON                  | 119,988  | 66   | 35   | 6   | 10  | -  | -           | -  | -  | 1   | -   | -   | -   | 2   | 10  | -    | 15'2                    | 0'4 | 54'0    | 32'3    | 43'3      | 1'16 | 24.                       | LONDON.                            |
| PORTSMOUTH                | 138,575  | 102  | 51   | 6   | 16  | -  | 6           | -  | -  | -   | -   | -   | 1   | 1   | 11  | -    | 19'1                    | 2'2 | -       | -       | -         | -    | 23.                       | BRIGHTON.                          |
| NORWICH                   | 98,675   | 71   | 42   | 6   | 12  | -  | -           | 1  | 1  | 1   | -   | -   | -   | 2   | 4   | 1    | 23'4                    | 1'1 | -       | -       | -         | -    | 24.                       | PORTSMOUTH.                        |
| PLYMOUTH                  | 77,674   | 41   | 25   | 8   | 8   | -  | -           | -  | -  | -   | -   | -   | 1   | 3   | 2   | -    | 17'5                    | -   | 55'0    | 35'3    | 46'9      | 8'10 | 23.                       | NORWICH.                           |
| BRISTOL                   | 226,510  | 132  | 81   | 16  | 17  | -  | 3           | 1  | -  | -   | -   | -   | 4   | 8   | 9   | -    | 18'7                    | 1'4 | 57'0    | 34'4    | 42'0      | 1'00 | 24.                       | PLYMOUTH.                          |
| WOLVERHAMPTON             | 81,691   | 56   | 22   | 6   | 6   | -  | 2           | -  | -  | 1   | -   | -   | -   | 1   | 2   | -    | 14'0                    | 1'9 | 51'9    | 32'9    | 40'9      | 1'10 | 23.                       | BRISTOL.                           |
| BIRMINGHAM                | 447,912  | 269  | 160  | 47  | 25  | -  | 4           | 1  | -  | 4   | 2   | 5   | 7   | 17  | 41  | 2    | 18'6                    | 1'9 | -       | -       | -         | -    | 24.                       | WOLVERHAMPTON.                     |
| LEICESTER                 | 146,790  | 102  | 41   | 18  | 9   | -  | 3           | -  | -  | -   | -   | -   | 1   | 6   | 3   | 1    | 14'6                    | 1'8 | -       | -       | -         | -    | 23.                       | BIRMINGHAM.                        |
| NOTTINGHAM*               | 230,921  | 137  | 54   | 15  | 18  | -  | 2           | -  | -  | 1   | -   | 2   | 3   | 6   | 10  | -    | 12'2                    | 1'1 | 50'1    | 35'0    | 41'5      | 0'42 | 24.                       | LEICESTER.                         |
| DERBY                     | 46,241   | 71   | 38   | 12  | 10  | -  | -           | -  | -  | -   | -   | -   | 3   | 1   | 4   | -    | 20'6                    | 2'2 | -       | -       | -         | -    | 23.                       | NOTTINGHAM.                        |
| BIRKENHEAD                | 100,093  | 53   | 38   | 10  | 4   | -  | -           | 1  | -  | 2   | 1   | -   | 1   | 3   | 3   | -    | 19'8                    | 2'1 | -       | -       | -         | -    | 24.                       | DERBY.                             |
| LIVERPOOL                 | 599,738  | 355  | 247  | 55  | 44  | -  | 8           | 6  | 2  | 1   | 3   | 3   | 13  | 16  | 43  | 11   | 21'5                    | 2'0 | 53'5    | 35'3    | 41'7      | 0'72 | 23.                       | BIRKENHEAD.                        |
| BOLTON                    | 113,506  | 61   | 54   | 14  | 8   | -  | -           | -  | -  | 1   | 1   | 3   | 1   | 5   | 8   | 1    | 24'8                    | 1'8 | -       | -       | -         | -    | 24.                       | LIVERPOOL.                         |
| MANCHESTER                | 378,164  | 256  | 185  | 58  | 28  | -  | 6           | 7  | 1  | 2   | 3   | 4   | 8   | 13  | 36  | 5    | 25'5                    | 3'2 | -       | -       | -         | -    | 23.                       | BOLTON.                            |
| SALFORD*                  | 226,336  | 120  | 88   | 14  | 16  | -  | 6           | 5  | 6  | 2   | 7   | 3   | 2   | 5   | 14  | 3    | 20'3                    | 6'7 | -       | -       | -         | -    | 24.                       | MANCHESTER.                        |
| OLDHAM                    | 138,220  | 83   | 60   | 18  | 5   | -  | 2           | 2  | 1  | -   | 3   | 1   | 2   | 4   | 1   | 22'7 | 3'4                     | -   | -       | -       | -         | -    | 23.                       | SALFORD.                           |
| BLACKBURN                 | 119,059  | 79   | 57   | 12  | 11  | -  | 4           | 5  | -  | 1   | 1   | -   | -   | 2   | 7   | -    | 25'0                    | 4'8 | -       | -       | -         | -    | 24.                       | OLDHAM.                            |
| PRESTON                   | 103,234  | 85   | 49   | 17  | 10  | 1  | -           | -  | -  | 1   | 1   | -   | -   | 2   | 10  | 1    | 24'8                    | 2'0 | -       | -       | -         | -    | 23.                       | BLACKBURN.                         |
| HUDDESFIELD               | 91,419   | 65   | 41   | 19  | 6   | -  | 2           | -  | -  | 1   | -   | -   | -   | -   | 5   | -    | 23'4                    | 1'7 | -       | -       | -         | -    | 24.                       | PRESTON.                           |
| HALIFAX                   | 80,138   | 41   | 23   | 8   | 4   | -  | -           | -  | -  | 1   | -   | 1   | -   | -   | 4   | 1    | 15'0                    | 0'7 | -       | -       | -         | -    | 23.                       | HUDDESFIELD.                       |
| BRADFORD*                 | 229,721  | 132  | 68   | 15  | 18  | -  | -           | -  | -  | 1   | -   | 1   | 2   | 2   | 6   | -    | 15'4                    | 0'7 | 49'6    | 35'6    | 41'6      | 0'98 | 24.                       | HALIFAX.                           |
| LEEDS                     | 351,210  | 194  | 125  | 29  | 17  | -  | 20          | 3  | -  | 3   | -   | 1   | 5   | 13  | 8   | 3    | 18'6                    | 4'0 | -       | -       | -         | -    | 23.                       | BRADFORD.                          |
| SHEFFIELD                 | 321,711  | 207  | 99   | 27  | 17  | -  | 3           | 3  | -  | 3   | -   | 1   | 2   | 3   | 10  | 3    | 16'1                    | 1'6 | -       | -       | -         | -    | 24.                       | LEEDS.                             |
| HULL                      | 202,359  | 131  | 50   | 9   | 14  | 1  | -           | 1  | -  | -   | -   | -   | -   | 2   | 2   | 2    | 12'9                    | 0'5 | 50'0    | 37'0    | 42'3      | 0'20 | 23.                       | SHEFFIELD.                         |
| SUNDERLAND                | 181,919  | 113  | 49   | 13  | 10  | -  | -           | 1  | -  | 1   | -   | 1   | 2   | 4   | 2   | 1    | 19'4                    | 1'2 | 51'0    | 35'0    | 42'3      | 5'72 | 24.                       | HULL.                              |
| NEWCASTLE*                | 169,063  | 126  | 78   | 17  | 17  | -  | -           | -  | -  | 2   | 4   | 2   | 3   | 4   | 5   | 1    | 25'6                    | 2'6 | 52'0    | 38'0    | 42'9      | 6'06 | 23.                       | SUNDERLAND.                        |
| CARDIFF                   | 108,570  | 107  | 49   | 14  | 7   | -  | 8           | -  | -  | 1   | -   | 3   | 1   | 4   | 5   | -    | 23'5                    | 5'8 | -       | -       | -         | -    | 24.                       | NEWCASTLE.                         |
| EDINBURGH                 | 262,733  | 185  | 102  | 12  | 18  | -  | -           | -  | -  | 1   | -   | -   | 1   | 2   | 11  | 13   | 12'3                    | 0'2 | 50'7    | 37'5    | 43'2      | 6'22 | 23.                       | CARDIFF.                           |
| GLASGOW                   | 526,088  | 332  | 226  | 51  | 32  | -  | -           | 9  | 3  | 7   | 3   | 5   | 12  | 2   | 37  | 25   | 22'4                    | 3'1 | 47'2    | 37'7    | 43'0      | 6'11 | 24.                       | EDINBURGH.                         |
| DUBLIN                    | 353,082  | 155  | 136  | 36  | 49  | -  | 3           | -  | 1  | 4   | 10  | 3   | 3   | 4   | 55  | 16   | 27'5                    | 3'1 | 52'1    | 39'0    | 46'4      | 8'00 | 23.                       | GLASGOW.                           |
|                           |  |      |  |     |   |    |             |    |    |     |     |     |   |     |     |      |                         |     |         |         |           |      | 24.                       | DUBLIN.                            |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-FIFTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2607 | 2721 | 2588 | 2738 | 2709 | 2497 | 2502 | 2534 | 2565 | 2634 | 2340.1   | 2770 |
| Males . .           | 1339 | 1395 | 1299 | 1404 | 1319 | 1269 | 1317 | 1295 | 1277 | 1350 | 1446.4   | 1401 |
| Females .           | 1268 | 1326 | 1239 | 1334 | 1390 | 1228 | 1185 | 1239 | 1288 | 1284 | 1393.7   | 1369 |
| <b>TOTAL Deaths</b> | 1590 | 1524 | 1636 | 1636 | 1493 | 1556 | 1516 | 1531 | 1420 | 1564 | 1636.5   | 1520 |
| Males . .           | 790  | 785  | 802  | 860  | 784  | 805  | 826  | 807  | 746  | 787  | 871.5  | 781  |
| Females .           | 800  | 739  | 834  | 776  | 709  | 751  | 690  | 724  | 674  | 777  | 815.0  | 739  |

\* The numbers in this column are the average weekly numbers in the forty-fifth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | Aug.<br>18. | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. | Nov.<br>10. |     |
|--|---|--------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|------------|-------------|-------------|-------------|------------|-------------|-----|
| <b>TOTAL Births</b>                      | - | -            | 2604        | 2401        | 2508        | 2475        | 2488         | 2463         | 2395         | 2413       | 2588        | 2459        | 2666        | 2373       | 2770        |     |
| <b>TOTAL Deaths</b>                      | - | -            | 1330        | 1438        | 1342        | 1316        | 1330         | 1298         | 1314         | 1352       | 1536        | 1641        | 1737        | 1613       | 1520        |     |
| 0-20                                     | - | -            | 713         | 838         | 730         | 701         | 666          | 650          | 663          | 676        | 720         | 777         | 849         | 770        | 769         |     |
| 20-40                                    | - | -            | 173         | 138         | 159         | 145         | 159          | 177          | 176          | 165        | 219         | 197         | 199         | 189        | 186         |     |
| 40-60                                    | - | -            | 177         | 202         | 208         | 205         | 225          | 233          | 199          | 238        | 264         | 297         | 293         | 275        | 227         |     |
| 60-80                                    | - | -            | 217         | 221         | 204         | 223         | 235          | 197          | 225          | 224        | 273         | 297         | 325         | 310        | 289         |     |
| at 80 years & upwds.                     | - | -            | 50          | 39          | 41          | 42          | 45           | 41           | 46           | 49         | 60          | 73          | 71          | 69         | 49          |     |
| Deaths of children                       | { | Under 1 year | -           | 444         | 500         | 441         | 426          | 407          | 385          | 395        | 370         | 388         | 397         | 423        | 383         | 400 |
| 1-5                                      |   | -            | 187         | 260         | 219         | 202         | 195          | 184          | 185          | 208        | 263         | 277         | 329         | 297        | 281         |     |
| 5-20                                     |   | -            | 82          | 73          | 70          | 73          | 64           | 81           | 88           | 98         | 69          | 103         | 97          | 90         | 88          |     |
| Deaths from Small-pox                    | - | -            | -           | -           | -           | -           | -            | -            | -            | -          | -           | -           | 1           | 1          | -           |     |
| " " Measles                              | - | -            | 33          | 47          | 39          | 26          | 27           | 32           | 30           | 39         | 50          | 80          | 100         | 88         | 109         |     |
| " " Scarlet fever                        | - | -            | 17          | 21          | 15          | 19          | 24           | 20           | 22           | 24         | 30          | 33          | 25          | 24         | 18          |     |
| " " Diphtheria                           | - | -            | 13          | 17          | 23          | 18          | 18           | 24           | 27           | 35         | 26          | 36          | 31          | 32         | 34          |     |
| " " Whooping-cough                       | - | -            | 20          | 28          | 24          | 32          | 31           | 22           | 13           | 5          | 18          | 12          | 18          | 19         | 15          |     |
| " " Typhus                               | - | -            | 2           | -           | -           | -           | -            | -            | -            | 1          | -           | -           | -           | -          | -           |     |
| " " Enteric fever                        | - | -            | 2           | 7           | 10          | 11          | 12           | 11           | 13           | 8          | 13          | 19          | 17          | 22         | 14          |     |
| " " Simple Cont <sup>d</sup> fever       | - | -            | 1           | -           | 1           | 1           | 1            | -            | -            | -          | 1           | 1           | 2           | -          | -           |     |
| " " Diarrhœa and Dysentery               | - | -            | 162         | 192         | 144         | 131         | 122          | 78           | 77           | 72         | 43          | 42          | 30          | 34         | 18          |     |
| " " Cholera                              | - | -            | 4           | 7           | 2           | 3           | 1            | 4            | -            | -          | 2           | -           | 1           | -          | -           |     |
| Deaths from the above-mentioned Diseases | - | -            | 254         | 319         | 258         | 241         | 236          | 191          | 182          | 184        | 183         | 223         | 225         | 220        | 208         |     |
| " " Dis. of Respiratory System           | - | -            | 167         | 172         | 130         | 148         | 184          | 179          | 213          | 239        | 311         | 364         | 522         | 441        | 373         |     |
| " " Phthisis                             | - | -            | 134         | 108         | 125         | 122         | 132          | 146          | 117          | 150        | 175         | 180         | 157         | 149        | 126         |     |
| " " Dis. of Circulatory System           | - | -            | 85          | 84          | 91          | 109         | 93           | 114          | 112          | 111        | 138         | 152         | 129         | 133        | 133         |     |
| Violent Deaths                           | - | -            | 47          | 47          | 53          | 32          | 61           | 69           | 61           | 51         | 60          | 51          | 57          | 59         | 50          |     |
| Inquest Cases                            | - | -            | 91          | 87          | 88          | 71          | 103          | 112          | 101          | 94         | 116         | 109         | 120         | 117        | 110         |     |
| Deaths in Public Institutions            | - | -            | 296         | 303         | 292         | 296         | 312          | 293          | 325          | 307        | 346         | 367         | 395         | 369        | 346         |     |
| TEMPERATURE OF THE AIR                   |   |              |             |             |             |             |              |              |              |            |             |             |             |            |             |     |
| Mean                                     | - | -            | 56.4        | 60.0        | 56.6        | 57.1        | 54.5         | 57.2         | 55.8         | 42.7       | 45.0        | 43.5        | 49.2        | 50.3       | 42.1        |     |
| Mean of Highest readings                 | - | -            | 67.1        | 70.2        | 66.4        | 65.9        | 66.3         | 66.3         | 65.2         | 52.6       | 54.7        | 53.4        | 58.5        | 54.7       | 47.0        |     |
| Mean of Lowest readings                  | - | -            | 48.6        | 51.8        | 48.4        | 51.2        | 44.7         | 50.0         | 49.9         | 33.5       | 36.2        | 34.4        | 40.6        | 46.7       | 37.7        |     |
| Humidity of the Air                      | - | -            | 77          | 82          | 81          | 83          | 83           | 81           | 90           | 82         | 79          | 87          | 89          | 92         | 86          |     |
| Rain-fall in inches                      | - | -            | 0.00        | 0.81        | 1.22        | 0.16        | 0.06         | 0.00         | 0.51         | 0.11       | 0.02        | 0.00        | 0.00        | 2.68       | 0.20        |     |
| Registered Sunshine (in hours)           | - | -            | 27.8        | 29.2        | 32.2        | 20.8        | 42.4         | 32.6         | 12.7         | 33.0       | 24.6        | 24.5        | 25.5        | 3.8        | 12.5        |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R. Met. Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McEandborough, Esq., F.G.S., F.R. Met. Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

[illegible]

The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Police Station, outside Registration London (see Table 5).  
 The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.046 per cent. for increase of population. The ten years average could not be correctly ascertained, the average for the six years 1832-7 has been used.  
 The cases of small-pox only are returned as "vaccinated" or as "unvaccinated," which are so certified by registered medical men. When the attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical man, the cause is returned under "no cause."  
 Evidence at inquest is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, neglect, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, &amp;c., during the Week

|   |  | The DEATHS registered in the Week include    |                                     |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |  |                        |
|---|--|--|-------------------------------------|----------------------------------|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|--|------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total DEATHS during the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     |  | In-<br>quest<br>Cases. |
|   |  |  |                                     |                                  | Infants under 1<br>Year of Age. | Persons aged 10<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |  |                        |
| LONDON - - - -  |  | 3,815,704                                    | 2770                                | 1520                             | 400                             | 338                                 | -           | 109      | 18             | 34          | 15              | -       | 14                             | -                            | 18         | 50        | 110 |  |                        |
| WEST DISTRICTS - - - -  |  | 669,633                                      | 454                                 | 292                              | 67                              | 69                                  | -           | 31       | 4              | 9           | 2               | -       | 2                              | -                            | 1          | 5         | 13  |  |                        |
| NORTH DISTRICTS - - - -   |  | 905,947                                      | 632                                 | 381                              | 88                              | 84                                  | -           | 26       | 2              | 7           | 3               | -       | 4                              | -                            | 4          | 11        | 21  |  |                        |
| CENTRAL DISTRICTS - - - -   |  | 282,238                                      | 170                                 | 111                              | 29                              | 20                                  | -           | 12       | 1              | 4           | 1               | -       | 1                              | -                            | -          | 7         | 12  |  |                        |
| EAST DISTRICTS - - - -  |  | 692,738                                      | 527                                 | 299                              | 67                              | 69                                  | -           | 26       | 2              | 8           | 1               | -       | 3                              | -                            | 2          | 9         | 32  |  |                        |
| SOUTH DISTRICTS - - - -   |  | 1,205,148                                    | 987                                 | 486                              | 151                             | 96                                  | -           | 14       | 8              | 11          | 8               | -       | 4                              | -                            | 11         | 18        | 32  |  |                        |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON - - - - |  | -  | -                                   | 1                                | -                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| WEST DISTRICTS.   |  |  |                                     |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |  |                        |
| St. Mary Paddington WHH G.J. & W.M.                                       |  | 69893  | 62                                  | 37                               | 8                               | 8                                   | -           | 9        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 3   |  |                        |
| St. John Paddington H - - G.J.  |  | 37390  | 12                                  | 8                                | 1                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Kensington Town W - - - W.M.  |  | 120141                                       | 83                                  | 55                               | 12                              | 15                                  | -           | 8        | -              | 2           | 1               | -       | 1                              | -                            | -          | -         | 2   |  |                        |
| Brompton Hill - - - - W.M. & C.   |  | 43010  | 15                                  | 8                                | 2                               | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Peter Hammersmith - - - W.M.  |  | 7569   | 8                                   | 2                                | 1                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 56                                  | 38                               | 11                              | 9                                   | -           | 4        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | -   |  |                        |
| Fulham W - - - - W.M. & C.  |  | 42900  | 67                                  | 33                               | 9                               | 8                                   | -           | 3        | 1              | -           | -               | -       | 1                              | -                            | 1          | 2         | -   |  |                        |
| Chelsea South HHH - - - C.  |  | 30396  | 19                                  | 10                               | 2                               | 4                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | -   |  |                        |
| Chelsea North-west WHHHHH - C.  |  | 24925  | 21                                  | 25                               | 4                               | 6                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | -   |  |                        |
| Chelsea North-east - - - C.   |  | 32897  | 21                                  | 13                               | 4                               | 1                                   | -           | 3        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   |  |                        |
| May Fair W - - - - G.J.   |  | 30353  | 7                                   | 10                               | -                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Belgrave WHH - - - - C.   |  | 59220  | 24                                  | 26                               | 5                               | 6                                   | -           | 1        | 2              | 1           | -               | -       | -                              | -                            | -          | -         | 1   |  |                        |
| St. John Westminster HHH - C.   |  | 85495  | 21                                  | 10                               | 3                               | 2                                   | -           | -        | -              | 12          | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Margaret Westminster H - C.   |  | 24679  | 9                                   | 9                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -   |  |                        |
| St. James Westminster WHH N.R. & G.J.                                     |  | 29941  | 13                                  | 6                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Anne Soho HHHHHH - N.R.   |  | 18698  | 11                                  | 4                                | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| NORTH DISTRICTS.  |  |  |                                     |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |  |                        |
| All Souls Marylebone HHHH - W.M.  |  | 28789  | 13                                  | 12                               | 3                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 4         | 5   |  |                        |
| Cavendish Square HHHH - W.M.  |  | 14891  | 6                                   | 2                                | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -   |  |                        |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 13                                  | 9                                | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Mary Marylebone HHH G.J. & W.M.                                       |  | 21113  | 23                                  | 5                                | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Christchurch Marylebone H - W.M.  |  | 33700  | 22                                  | 17                               | 4                               | 2                                   | -           | 8        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                        |
| St. John Marylebone H - - W.M.  |  | 33633  | 13                                  | 5                                | -                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Hampstead WWHHHH N.R. & W.M.  |  | 45452  | 31                                  | 15                               | -                               | 5                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1   |  |                        |
| Regent's Park Paneras H - - W.M.  |  | 39115  | 21                                  | 14                               | 5                               | 2                                   | -           | 8        | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 1   |  |                        |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 17                                  | 11                               | 2                               | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Gray's Inn Lane HHH - - - N.R.  |  | 30247  | 22                                  | 16                               | 6                               | 3                                   | -           | 2        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -   |  |                        |
| Somers Town H - - - - N.R.  |  | 34359  | 27                                  | 10                               | 2                               | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Camden Town WH - - - - N.R.   |  | 17311  | 14                                  | 14                               | 3                               | 4                                   | -           | 4        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                        |
| Kentish Town W - - - - N.R.   |  | 37487  | 74                                  | 24                               | 6                               | 6                                   | -           | 3        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Upper Holloway WWHH - - - N.R.  |  | 67946  | 60                                  | 27                               | 7                               | 8                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                        |
| Islington South-west HH - - - N.R.  |  | 100976                                       | 78                                  | 43                               | 11                              | 11                                  | -           | 1        | 1              | 1           | -               | -       | 1                              | -                            | 2          | 1         | 5   |  |                        |
| Islington South-east - - - N.R.   |  | 61835  | 34                                  | 19                               | 5                               | 7                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Highbury H - - - - N.R.   |  | 32048  | 35                                  | 20                               | 5                               | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 3   |  |                        |
| Stoke Newington H - - - - N.R.  |  | 22781  | 19                                  | 11                               | 2                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Stamford Hill - - - - E.L.  |  | 9277   | 10                                  | 5                                | 3                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                        |
| West Hackney H - - - - N.R.   |  | 37610  | 20                                  | 16                               | 7                               | 4                                   | -           | -        | -              | -           | 1               | -       | 1                              | -                            | -          | -         | -   |  |                        |
| Hackney WWHH - - - - E.L. & N.R.  |  | 76911  | 55                                  | 30                               | 7                               | 8                                   | -           | 2        | 1              | 3           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| South Hackney - - - - E.L.  |  | 39988  | 20                                  | 7                                | 1                               | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1   |  |                        |
| CENTRAL DISTRICTS.  |  |  |                                     |                                  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |  |                        |
| St. George Bloomsbury - - - N.R.  |  | 10631  | 8                                   | 3                                | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Giles South WH - - - - N.R.   |  | 14364  | 12                                  | 7                                | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Giles North - - - - N.R.  |  | 18337  | 8                                   | 2                                | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                        |
| St. Martin-in-the-Fields HH N.R. & C.                                     |  | 17508  | 8                                   | 7                                | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Mary-le-Strand H - - - N.R.   |  | 7515   | 2                                   | 3                                | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                        |
| St. Clement Danes H - - - N.R.  |  | 8559   | 3                                   | 10                               | 4                               | -                                   | -           | -        | -              | 2           | 1               | -       | -                              | -                            | -          | -         | 1   |  |                        |
| Strand Union Workhouse, Edmonton w.                                       |  | -  | -                                   | 2                                | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Geo.-the-Martyr HHHHHH N.R.   |  | 18671  | 13                                  | 9                                | 2                               | 2                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1   |  |                        |
| St. Andrew Eastera W - - - N.R.   |  | 10706  | 6                                   | 2                                | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   |  |                        |
| Saffron Hill H - - - - N.R.   |  | 6533   | 4                                   | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. James Clerkenwell - - - N.R.  |  | 17516  | 19                                  | 9                                | 4                               | 1                                   | -           | 5        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Amwell Clerkenwell - - - N.R.   |  | 19231  | 10                                  | 7                                | 5                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | -   |  |                        |
| Pentonville - - - - N.R.  |  | 14773  | 12                                  | 5                                | 2                               | 1                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Goswell-street - - - - N.R.   |  | 17596  | 14                                  | 8                                | -                               | 1                                   | -           | 1        | 1              | -           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                        |
| Old-street H - - - - N.R.   |  | 11541  | 13                                  | 6                                | 1                               | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                        |
| City-road HHL - - - - N.R.  |  | 18623  | 19                                  | 9                                | 5                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   |  |                        |
| Whitecross-street - - - N.R.  |  | 9217   | 8                                   | 4                                | -                               | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Finsbury - - - - N.R.   |  | 7463   | 3                                   | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Holborn Union Workhouse, Mitcham, w.                                      |  | -  | -                                   | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Botolph H - - - - N.R. & E.L.   |  | 11174  | 5                                   | 1                                | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Cripplegate - - - - N.R.  |  | 7193   | 2                                   | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| St. Sepulchre H - - - - N.R.  |  | 5355   | -                                   | 13                               | 1                               | 2                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | -          | 3         | 3   |  |                        |
| St. Bride W - - - - N.R.  |  | 3396   | 1                                   | 3                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Allhallows Barking - - - N.R.   |  | 13666  | -                                   | 1                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |
| Broad Street H - - - - N.R.   |  | 6653   | -                                   | -                                | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   |  |                        |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N. R., New River; E. L., East and Kent Company.

| REGISTRATION<br>SUB-DISTRICTS. |             | Enumerated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
|--------------------------------|-------------|---|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------------------|
|                                |             |   |                                     |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
|                                |             |   |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
| EAST DISTRICTS.                |             |   |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| St. Shoreditch                 | N.R. & E.L. | 7376                                    | 5                                   | 4                                   | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | H.L.*       | 14667                                   | 6                                   | 5                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| New Town                       | N.R.        | 25387                                   | 10                                  | 11                                  | -   | 3                                   | -           | 13       | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | 9                               |
| Old Town                       | N.R.        | 22336                                   | 12                                  | 9                                   | 4   | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                               |
| St. Shoreditch                 | N.R. & E.L. | 45275                                   | 33                                  | 23                                  | 6   | 6                                   | -           | 3        | 1              | -           | -               | -       | 1                              | -                            | -          | -         | 2              | -                                 | -                               |
| St. Shoreditch                 | N.R.        | 29738                                   | 14                                  | 12                                  | 6   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| Bethnal Green                  | WHL*        | 47932                                   | 41                                  | 30                                  | 1   | 11                                  | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 3                                 | -                               |
| Bethnal Green                  | N.R.        | 25981                                   | 50                                  | 15                                  | 7   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 12                                | -                               |
| Bethnal Green                  | N.R.        | 19810                                   | 19                                  | 8                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 | -                               |
| St. Shoreditch                 | E.L. & N.R. | 22585                                   | 14                                  | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | N.R.        | 15473                                   | 17                                  | 8                                   | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | E.L. & N.R. | 17490                                   | 13                                  | 16                                  | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | N.R.        | 2713                                    | 3                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | 3         | 4              | 15                                | -                               |
| St. Shoreditch                 | N.R. & E.L. | 6102                                    | 2                                   | 2                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | N.R.        | 88747                                   | 33                                  | 15                                  | 5   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 | -                               |
| St. Shoreditch                 | N.R.        | 8410                                    | 14                                  | 7                                   | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 6                                 | -                               |
| St. Shoreditch                 | N.R.        | 16893                                   | 12                                  | 10                                  | 3   | 1                                   | -           | 1        | -              | 1           | -               | -       | 1                              | -                            | -          | -         | 2              | 1                                 | -                               |
| St. Shoreditch                 | N.R.        | 16107                                   | 4                                   | 10                                  | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 4                                 | -                               |
| St. Shoreditch                 | N.R.        | 32041                                   | 33                                  | 12                                  | 3   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 1              | 2                                 | -                               |
| St. Shoreditch                 | N.R.        | 27560                                   | 24                                  | 9                                   | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | -                                 | 1                               |
| St. Shoreditch                 | N.R.        | 67633                                   | 40                                  | 10                                  | 8   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | N.R.        | 37074                                   | 21                                  | 11                                  | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 3                                 | -                               |
| St. Shoreditch                 | N.R.        | 64829                                   | 54                                  | 28                                  | 5   | 8                                   | -           | 5        | 1              | -           | -               | -       | -                              | -                            | 1          | 1         | 5              | 12                                | -                               |
| St. Shoreditch                 | N.R.        | 55077                                   | 43                                  | 17                                  | 3   | 4                                   | -           | 4        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | -                                 | -                               |
| SOUTH DISTRICTS.               |             |   |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| St. Shoreditch                 | L. & S.     | 13603                                   | 6                                   | 5                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |
| St. Shoreditch                 | S.          | 14399                                   | 6                                   | 6                                   | 2   | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S. & L.     | 21381                                   | 15                                  | 3                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S. & L.     | 15933                                   | 16                                  | 11                                  | 6   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 2                                 | 1                               |
| St. Shoreditch                 | L. & S.     | 21318                                   | 11                                  | 4                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S. & L.     | 23672                                   | 17                                  | 4                                   | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S. & L.     | 16355                                   | 66                                  | 27                                  | 10  | 7                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 6                                 | -                               |
| St. Shoreditch                 | L. & S.     | 21623                                   | 13                                  | 6                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S.          | 11856                                   | 3                                   | 13                                  | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S. & L.     | 16300                                   | 4                                   | 5                                   | 2   | -                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | -          | 6         | 6              | 15                                | -                               |
| St. Shoreditch                 | S.          | 16389                                   | 15                                  | 9                                   | 3   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |
| St. Shoreditch                 | S.          | 14683                                   | 40                                  | 15                                  | 5   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                               |
| St. Shoreditch                 | S. & K.     | 36024                                   | 32                                  | 9                                   | 4   | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 2              | 1                                 | 1                               |
| St. Shoreditch                 | L. & S.     | 15195                                   | 13                                  | 6                                   | 1   | -                                   | -           | 2        | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 1              | -                                 | -                               |
| St. Shoreditch                 | L. & S.     | 16331                                   | 13                                  | 3                                   | -   | -                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | L. & S.     | 18476                                   | 14                                  | 13                                  | 2   | -                                   | -           | -        | -              | 4           | 1               | -       | -                              | -                            | -          | 1         | 1              | 11                                | -                               |
| St. Shoreditch                 | L. & S.     | 23859                                   | 33                                  | 18                                  | 3   | 10                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S. & L.     | 46133                                   | 32                                  | 11                                  | 2   | 2                                   | -           | 1        | 1              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 10                                | -                               |
| St. Shoreditch                 | S. & L.     | 32333                                   | 17                                  | 10                                  | 4   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | L. & S.     | 62837                                   | 41                                  | 22                                  | 7   | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | L.          | 19017                                   | 19                                  | 4                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S.          | 54675                                   | 37                                  | 16                                  | 6   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S.          | 31367                                   | 63                                  | 25                                  | 11  | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S.          | 26380                                   | 24                                  | 14                                  | 5   | 6                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 4                                 | 1                               |
| St. Shoreditch                 | S.          | 28004                                   | 21                                  | 10                                  | 1   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                               |
| St. Shoreditch                 | S.          | 13235                                   | 14                                  | 6                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | L.          | 25533                                   | 17                                  | 10                                  | 4   | 2                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | L. & S.     | 5590                                    | 4                                   | 2                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | S. & L.     | 43104                                   | 45                                  | 44                                  | 6   | 17                                  | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 3              | 29                                | -                               |
| St. Shoreditch                 | S. & K.     | 71639                                   | 63                                  | 23                                  | 8   | 4                                   | -           | -        | 1              | -           | 1               | -       | -                              | -                            | 2          | 1         | 2              | 3                                 | 1                               |
| St. Shoreditch                 | L. & S.     | 60816                                   | 79                                  | 23                                  | 9   | -                                   | -           | 2        | 1              | -           | -               | -       | 1                              | -                            | -          | -         | -              | 2                                 | -                               |
| St. Shoreditch                 | K.          | 73732                                   | 65                                  | 34                                  | 15  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | 7101                                    | 6                                   | 4                                   | 1   | 1                                   | -           | -        | 3              | 1           | -               | -       | -                              | -                            | 1          | 2         | 3              | 5                                 | 3                               |
| St. Shoreditch                 | K.          | 21972                                   | 15                                  | 6                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | 24608                                   | 14                                  | 13                                  | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 8                                 | -                               |
| St. Shoreditch                 | K.          | 2043                                    | 4                                   | 1                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | 21849                                   | 7                                   | 4                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | 19865                                   | 14                                  | 8                                   | 4   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | 26076                                   | 24                                  | 8                                   | 2   | 4                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                               |
| St. Shoreditch                 | K.          | 10980                                   | 8                                   | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | 17617                                   | 7                                   | 5                                   | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | 19043                                   | 5                                   | 10                                  | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | 14009                                   | 13                                  | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | 19341                                   | 18                                  | 8                                   | 4   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 4                                 | 1                               |
| St. Shoreditch Hospitals:      |             |   |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -                                       | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                               |
| St. Shoreditch                 | K.          | -</                                     |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                                 |



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 10th November, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |    | Deaths in Public<br>Institutions. |  |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|----|-----------------------------------|--|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |    |                                   |  |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons Aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. |    |                                   |  |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 801     | 376     | 91  | 96                                  | -           | 9        | 6              | 6           | 6               | 7      | 4          | 10        | 21             | 35 |                                   |  |
| 30: 1   | Carshalton <i>wL</i>           | 12228  | 21118   | 14      | 11      | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 7  |                                   |  |
| 2   | Epsom (part of)* <i>WwH</i>    | 9971   | 10710   | 3       | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -  |                                   |  |
| 37: 1   | Godstone (part of) *           | 2754   | 1235  | 1       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 38: 1   | Croydon <i>WwHLL</i>           | 20351  | 101241  | 66      | 42      | 7   | 14                                  | -           | 1        | -              | -           | -               | 3      | -          | 2         | 5              | 5  |                                   |  |
| 2   | Mitcham <i>w†</i>              | 11637  | 17932   | 19      | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 39: 1   | Wimbledon <i>HHH</i>           | 3220   | 15950   | 12      | 2       | -   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -  |                                   |  |
| 2   | Kingston <i>WHH</i>            | 8549   | 38354   | 24      | 11      | 5   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | 1              | -  |                                   |  |
| 3   | Esher (part of) *              | 6901   | 9221  | 9       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 4   | Hampton <i>H</i>               | 4373   | 13539   | 7       | 4       | 1   | -                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 40: 1   | Richmond <i>WH</i>             | 2272   | 21302   | 11      | 4       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1  |                                   |  |
| 2   | Mortlake                       | 9941   | 12331   | 10      | 5       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 41: 1   | Bromley (pt. of) * <i>HH</i>   | 15669  | 31142   | 22      | 12      | 7   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 2   | Chislehurst(pt.of)* <i>WHH</i> | 14907  | 15844   | 13      | 5       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -  |                                   |  |
| 42: 1   | Bexley <i>H</i>                | 13437  | 24134   | 13      | 9       | 3   | 4                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -  |                                   |  |
| 2   | Dartford (W, pt. of)*          | -  | -   | -       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1  |                                   |  |
| 124: 1  | Sunbury <i>w</i>               | 11055  | 11656   | 5       | 3       | -   | 2                                   | -           | -        | -              | -           | 1               | -      | -          | 1         | 1              | -  |                                   |  |
| 2   | Staines <i>W</i>               | 13277  | 12339   | 8       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 125: 1  | Hillingdon <i>WHH</i>          | 6029   | 10392   | 8       | 7       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2  |                                   |  |
| 2   | Uxbridge                       | 6178   | 3225  | 4       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 3   | Hayes <i>wHL</i>               | 14537  | 11323   | 9       | 3       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3  |                                   |  |
| 126: 1  | Isleworth <i>WHH</i>           | 7008   | 22727   | 10      | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 2   | Twickenham <i>H</i>            | 2477   | 12479   | 10      | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 3   | Brentford <i>HL</i>            | 4345   | 27349   | 21      | 9       | 5   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 4   | Chiswick                       | 1340   | 15375   | 13      | 5       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 5   | Acton <i>wH</i>                | 6083   | 22376   | 19      | 17      | 4   | 4                                   | -           | -        | 1              | -           | -               | -      | -          | 1         | 2              | 1  |                                   |  |
| 127: 1  | Harrow <i>H</i>                | 13909  | 12798   | 9       | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 2   | Edgware <i>H</i>               | 6994   | 3749  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 3   | Willesden                      | 4383   | 27453   | 32      | 16      | 4   | 3                                   | -           | -        | -              | 1           | -               | -      | -          | 1         | 2              | -  |                                   |  |
| 4   | Hendon <i>W</i>                | 8382   | 10494   | 7       | 5       | 1   | 1                                   | -           | 1        | -              | -           | 2               | -      | -          | -         | -              | 2  |                                   |  |
| 137: 1  | Bushey                         | 9331   | 6621  | 7       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 2   | Watford (W, pt. of) *          | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 128: 1  | South Mimms                    | 15399  | 6391  | 8       | 2       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -  |                                   |  |
| 2   | Barnet                         | 5433   | 10092   | 4       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 3   | Finchley <i>HL</i>             | 4388   | 17615   | 14      | 7       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4  |                                   |  |
| 135: 1  | Hatfield (part of) *           | 3306   | 588   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 129: 1  | Hornsey <i>H</i>               | 3039   | 37078   | 26      | 11      | 2   | 4                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 2   | Tottenham <i>H</i>             | 4642   | 46456   | 69      | 31      | 5   | 7                                   | -           | 3        | -              | -           | 2               | 3      | -          | 1         | 2              | 1  |                                   |  |
| 3   | Edmonton <i>Ww†</i>            | 7483   | 23463   | 21      | 7       | 2   | -                                   | -           | -        | 1              | -           | 1               | -      | -          | -         | -              | -  |                                   |  |
| 4   | Enfield <i>WH</i>              | 12853  | 19104   | 16      | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 1  |                                   |  |
| 5   | Waltham Abbey                  | 11017  | 5263  | 3       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 6   | Cheshunt                       | 8490   | 7755  | 8       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 136: 1  | Stratford                      | 382  | 38605   | 24      | 14      | 5   | 3                                   | -           | 1        | 1              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 2   | West Ham <i>wuwH†</i>          | 7551   | 101053  | 113     | 53      | 10  | 6                                   | -           | 1        | 1              | 1           | -               | 1      | 2          | 1         | 1              | 1  |                                   |  |
| 3   | Leyton <i>WwL</i>              | 4372   | 32430   | 26      | 19      | 6   | 4                                   | -           | 1        | 1              | -           | -               | -      | -          | -         | 3              | 3  |                                   |  |
| 4   | Walthamstow <i>H</i>           | 6520   | 28869   | 34      | 15      | 5   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | 1         | 1              | -  |                                   |  |
| 137: 1  | Chigwell (part of) * <i>H</i>  | 11761  | 9639  | 11      | 3       | 2   | 1                                   | -           | 1        | -              | -           | -               | -      | -          | 1         | -              | -  |                                   |  |
| 2   | Epping (W, pt. of) *           | -  | -   | -       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1  |                                   |  |
| 139: 1  | Romford (part of) * <i>W</i>   | 6730   | 3411  | 1       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2  |                                   |  |
| 2   | Ilford                         | 8493   | 7645  | 4       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |
| 3   | Barking Town                   | 4127   | 9203  | 11      | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -  |                                   |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warlingham and Farley in Godstone district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139: 1, the parish of Dagenham in Romford sub-district; 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 10th November, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |                                   |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Deaths in Public<br>Institutions. |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16.                               |  |  |
| TER LONDON                | 448,334  | 5,527,886                                      | 17.9  | 2.3                                   | 1896                             | 491                                       | 437  | -           | 118      | 24                | 40          | 21                  | 21     | 22         | 62        | 381                               |  |  |
| NER LONDON -              | 77,410   | 4,282,921                                      | 18.5  | 2.5                                   | 1520                             | 400                                       | 338  | -           | 109      | 18                | 34          | 15                  | 14     | 18         | 52        | 346                               |  |  |
| TER RING -                | 370,924  | 1,244,965                                      | 15.8  | 1.6                                   | 376                              | 91  | 99   | -           | 9        | 6                 | 6           | 6                   | 7      | 4          | 10        | 35                                |  |  |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                    |
|------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA                     | 433,219                               | September 29                | -                               | -       | -                                  | -   |
| BOMBAY                       | 773,196                               | October 16                  | 363                             | 457     | 26.4                               | Small-pox 3; cholera 2; fever 133.                |
| MADRAS                       | 398,777                               | September 28                | 353                             | 249     | 32.4                               | Cholera 4; fevers 67.                             |
| PARIS                        | 2,260,945                             | November 3                  | 1177                            | 946     | 21.8                               | Typh. fev. 18; diph. and croup 31; small-pox 3.   |
| BRUSSELS (with 8 Faubourgs.) | 462,069                               | " 3                         | 261                             | 176     | 19.8                               | Measles 4; typh. & typhd. fever 3.                |
| AMSTERDAM                    | 390,016                               | " 3                         | 280                             | 170     | 22.6                               | Typhus & typhd. fev. 3; diphtheria 2.             |
| ROTTERDAM                    | 193,658                               | " 3                         | 139                             | 68      | 18.2                               | Whooping-cough 2.                                 |
| THE HAGUE                    | 149,477                               | " 3                         | 100                             | 54      | 18.7                               | Measles 2.  |
| COPENHAGEN                   | 300,000                               | October 30                  | 181                             | 135     | 23.5                               | Diphtheria 4; typhoid fever 4.                    |
| STOCKHOLM                    | 221,549                               | " 27                        | 126                             | 81      | 19.0                               | Scarlet fever 3; diphtheria and croup 3.          |
| CHRISTIANIA                  | 135,600                               | November 3                  | 61                              | 47      | 18.0                               | Diphtheria and croup 5.                           |
| ST. PETERSBURG               | 842,883                               | October 27                  | -                               | 393     | 24.3                               | Typhus & typhd. fev. 11; scarlet fev. 9; diph. 9. |
| BERLIN                       | 1,438,006                             | " 20                        | 830                             | 526     | 18.9                               | Diphtheria 30; croup 4.                           |
| HAMBURG (State)              | 550,694                               | " 27                        | 874                             | 250     | 23.7                               | Diphtheria and croup 14; whooping-cough 4.        |
| DRESDEN                      | 259,142                               | " 27                        | 138                             | 77      | 15.5                               | Measles 3; diph. and croup 8.                     |
| BRISLAU                      | 313,451                               | November 3                  | 229                             | 134     | 22.7                               | Diphtheria 11.                                    |
| MUNICH                       | 275,000                               | October 27                  | 190                             | 154     | 29.1                               | Diphtheria and croup 5; scar. fev. 2.             |
| VIENNA                       | 800,836                               | " 27                        | 537                             | 344     | 22.3                               | Diphtheria 6; meas. 3.                            |
| PRAGUE                       | 295,857                               | " 27                        | -                               | 175     | 30.9                               | Small-pox 16; diph. 7.                            |
| BUDA-PESTH                   | 442,787                               | " 27                        | 307                             | 227     | 26.7                               | Typh. fev. 5; diph. 6.                            |
| TRIESTE                      | 156,042                               | " 27                        | -                               | 75      | 25.0                               | Small-pox 6.                                      |
| ROME                         | 388,300                               | September 15                | 241                             | 183     | 24.6                               | Malarial fever 15; typhd. fever 4.                |
| TURIN (10 days)              | 294,826                               | October 10                  | 255                             | 143     | 17.7                               | Diarrhoeal diseases 17.                           |
| VENICE                       | 150,502                               | " 20                        | 63                              | 62      | 21.5                               | Diarrhoeal diseases 10.                           |
| CAIRO                        | 374,338                               | " 18                        | 482                             | 322     | 41.8                               | Typhd. fev. 17; dip. & cp. 4; diarr. dis. 122.    |
| ALEXANDRIA                   | 231,396                               | " 18                        | 219                             | 187     | 42.2                               | Wh.-cgh. 2; diar. dis. 55.                        |
| NEW YORK                     | 1,493,000                             | " 20                        | -                               | 681     | 23.1                               | Diph. 18; scar. fev. 16; enteric fever 12.        |
| BROOKLYN                     | 774,870                               | " 20                        | -                               | 287     | 18.6                               | Diphtheria 8; croup 12; typhoid fever 6.          |
| PHILADELPHIA                 | 1,016,758                             | " 20                        | -                               | 337     | 17.3                               | Typhd. fev. 12; diph. 8.                          |
| BALTIMORE                    | 431,879                               | " 20                        | -                               | 189     | 16.8                               | Diph. 8; typhd. fev. 4.                           |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 10TH NOVEMBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |                              | Phases of the Moon. |   | TEMPERATURE.  |           |              |                   | TEMPERATURE.                          |                   |   |             | TEMPERATURE.                              |                     |           |   | Wind as deduced from Anemometers. |                    |        |                  | Rain collected in a Gauge whose surface is tilted at an angle of 10° on the Ground. |  |                                       |             |      |        |        |     |
|----------------|------------------------------|---------------------|---|---|-----------|--------------|-------------------|---------------------------------------|-------------------|---|-------------|---|---------------------|-----------|---|-----------------------------------|--------------------|--------|------------------|---|--|---------------------------------------|-------------|------|--------|--------|-----|
| MONTH AND DAY. | Phases of the Moon.          | Baro- meter.        | Mean daily reading corrected for temperature and re-ferred to 32° Fahr. (see help). | Of the Air.   |           |              |                   | Of the Dew Point.                     |                   | Difference between the Air Temperature and Dew Point Temperature. |             | Degree of Hy- umidity (Sat- uration 100). | Of Radiation.       |           | Of the Water of the Thames at Deptford. |                                   | General Direction. |        | Oster's.         |   | Pressure on the Square Foot.                   |                                       | Robinson's. |      |        |        |     |
|                |                              |                     |   | High- est.  | Low- est. | Daily Range. | Mean daily value. | De- parture from average of 50 years. | Mean daily value. | Least.  | Great- est. |   | High- est in Ray's. | Low- est. | A.M.                                    | P.M.                              | Great- est.        | Least. | Mean hourly obs. | Horizontal direction from the air on each Day.                                      | Horizontal direction from the air on each Day. | Depar- ture from average of 16 Years. | lbs.        | lbs. | Miles. | Miles. | in. |
| NOVEMBER.      |                              |                     |   |   |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |
| SUN. 4         | New Moon.                    | 29.587              | 55.7  | 42.1  | 13.6      | 40.3         | + 3.3             | 44.7                                  | 4.6               | 8.5   | 0.7         | 84  | 99.0                | °         | °                                       | °                                 | °                  | °      | °                | °   | °  | °                                     | °           | °    | °      | °      | 1.0 |
| MON. 5         | ..                           | 29.670              | 55.7  | 45.0  | 10.7      | 49.5         | + 3.9             | 47.4                                  | 2.1               | 4.7   | 0.0         | 92  | 94.0                | 39.4      | °                                       | °                                 | °                  | °      | °                | °   | °  | °                                     | °           | °    | °      | °      | 3.0 |
| TUES. 6        | ..                           | 29.657              | 45.0  | 38.5  | 8.5       | 38.7         | - 6.5             | 34.0                                  | 4.7               | 7.0   | 1.0         | 83  | 55.0                | 31.8      | °                                       | °                                 | °                  | °      | °                | °   | °  | °                                     | °           | °    | °      | °      | 0.2 |
| WED. 7         | Greatest Des. S.             | 29.611              | 37.5  | 34.1  | 3.4       | 35.5         | - 9.2             | 29.9                                  | 5.6               | 6.7   | 3.5         | 80  | 52.7                | 30.3      | °                                       | °                                 | °                  | °      | °                | °   | °  | °                                     | °           | °    | °      | °      | 0.8 |
| THURS. 8       | ..                           | 29.658              | 42.8  | 34.3  | 8.5       | 39.4         | - 4.9             | 37.8                                  | 1.6               | 4.0   | 1.0         | 94  | 51.7                | 29.5      | °                                       | °                                 | °                  | °      | °                | °   | °  | °                                     | °           | °    | °      | °      | 0.0 |
| FRI. 9         | ..                           | 29.620              | 45.1  | 38.6  | 6.5       | 41.8         | - 2.0             | 39.1                                  | 2.7               | 4.2   | 0.2         | 90  | 56.1                | 32.0      | °                                       | °                                 | °                  | °      | °                | °   | °  | °                                     | °           | °    | °      | °      | 0.0 |
| SAT. 10        | First Qr.                    | 29.672              | 47.0  | 33.5  | 13.5      | 40.5         | - 2.9             | 35.3                                  | 5.2               | 9.9   | 1.4         | 82  | 58.6                | 23.3      | °                                       | °                                 | °                  | °      | °                | °   | °  | °                                     | °           | °    | °      | °      | 0.8 |
| MEANS          | ..                           | 29.641              | 47.0  | 37.7  | 9.2       | 42.1         | - 2.6             | 38.3                                  | 3.8               | 6.4   | 1.1         | 83  | 71.0                | 32.3      | °                                       | °                                 | °                  | °      | °                | °   | °  | °                                     | °           | °    | °      | °      | 0.8 |
| No. of Col.    | 3                            | 4                   | 5   | 6   | 7         | 8            | 9                 | 10                                    | 11                | 12  | 13          | 14  | 15                  | 16        | 17                                      | 18                                | 19                 | 20     | 21               | 22  | 23   | 24                                    | 25          | 26   | 27     |        |     |
| DATE.          | NOVEMBER.                    | GENERAL REMARKS.    |   |   |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |
| SUNDAY 4       |                              | 5.1                 | 9.4   | Very fine till afternoon; overcast and showery at night.  |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |
| MONDAY 5       |                              | 2.8                 | 9.4   | A shower in early morning; fine and partially cloudy till evening; overcast at night, with occasional thin rain.    |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |
| TUESDAY 6      |                              | 0.0                 | 9.3   | Overcast till afternoon; variable till evening; cloudless at night. Windy.  |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |
| WEDNESDAY 7    | Instrument under adjustment. | 0.0                 | 9.2   | Overcast generally.   |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |
| THURSDAY 8     |                              | 0.0                 | 9.2   | Overcast generally. A little rain fell in afternoon and evening.  |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |
| FRIDAY 9       |                              | 0.0                 | 9.1   | Overcast and showery till afternoon; cloudless for some time in the evening; clouded up at night.                   |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |
| SATURDAY 10    |                              | 4.6                 | 9.1   | Very fine with few light clouds till afternoon; overcast after 4h. p.m. A little rain fell shortly before midnight. |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |
|                |                              | Sum 12.5            | Sum 61.7  |   |           |              |                   |                                       |                   |   |             |   |                     |           |   |                                   |                    |        |                  |   |  |                                       |             |      |        |        |     |

|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| The height of the cistern of the barometer is 139 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glashier's Hygro-metrical Tables. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The numbers in column 29 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| The reading of the barometer increased from 29.56 in. at the beginning of the week to 29.70 in. by 9h. A.M. on the 6th; decreased to 29.60 in. by noon on the 7th; increased to 29.70 in.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the over-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1875 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables. The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 25 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875. The readings of the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average. The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cable Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London. The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, P. positive; N. negative; w. weak; s. strong; and v. variable. The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the approximate duration of bright sunshine on each day. The result of all the observations are to be understood as applying to the civil day, from midnight to midnight. The readings of the barometer increased from 29.58 in. at the beginning of the week to 29.70 in. by 9h. A.M. on the 10th; decreased to 29.60 in. by noon on the 10th; increased to 29.70 in.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 46. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, NOVEMBER 17. [Price 1½d.

General Register Office, Somerset House,  
19th November, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 19·7 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |            |             |             | TOWNS.             | Weeks ending |            |             |             |
|--------------|--------------|------------|-------------|-------------|--------------------|--------------|------------|-------------|-------------|
|              | Oct.<br>27.  | Nov.<br>3. | Nov.<br>10. | Nov.<br>17. |                    | Oct.<br>27.  | Nov.<br>3. | Nov.<br>10. | Nov.<br>17. |
| Birkenhead   | 17·7         | 11·5       | 19·8        | 19·3        | Liverpool -        | 22·8         | 19·1       | 21·5        | 22·2        |
| Birmingham   | 19·3         | 18·6       | 18·6        | 16·4        | London -           | 21·2         | 19·7       | 18·5        | 19·7        |
| Blackburn -  | 25·4         | 23·2       | 25·0        | 26·3        | Manchester -       | 32·8         | 24·0       | 25·5        | 24·7        |
| Bolton -     | 21·6         | 24·8       | 24·8        | 18·9        | Newcastle-on-Tyne* | 21·3         | 29·9       | 25·6        | 21·7        |
| Bradford* -  | 20·7         | 15·2       | 15·4        | 19·3        | Norwich -          | 16·7         | 23·4       | 23·4        | 17·8        |
| Brighton -   | 16·5         | 10·0       | 15·2        | 12·6        | Nottingham*        | 21·0         | 14·0       | 12·2        | 16·3        |
| Bristol -    | 17·0         | 19·6       | 18·7        | 14·1        | Oldham -           | 25·3         | 19·3       | 22·7        | 22·3        |
| Cardiff*     | 25·5         | 19·7       | 23·5        | 29·3        | Plymouth -         | 22·2         | 14·1       | 17·5        | 22·8        |
| Derby -      | 15·7         | 13·6       | 20·6        | 16·3        | Portsmouth -       | 22·1         | 19·8       | 19·1        | 17·2        |
| Halifax -    | 24·7         | 15·0       | 15·0        | 18·9        | Preston -          | 25·3         | 23·7       | 24·8        | 19·7        |
| Huddersfield | 29·1         | 23·4       | 23·4        | 20·0        | Salford*           | 24·4         | 21·7       | 20·3        | 18·0        |
| Hull -       | 22·4         | 17·0       | 12·9        | 16·8        | Sheffield -        | 20·3         | 22·2       | 16·1        | 20·1        |
| Leeds -      | 24·4         | 19·5       | 18·6        | 21·1        | Sunderland -       | 22·2         | 21·0       | 19·4        | 21·4        |
| Leicester*   | 16·0         | 19·9       | 14·6        | 14·9        | Wolverhampton -    | 21·7         | 17·2       | 14·0        | 24·3        |

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·9 in Oldham, 3·2 in Wolverhampton, 4·4 in Blackburn, and 6·2 in Cardiff; from *scarlet fever*, 1·2 in Salford, and 1·3 in Blackburn; from *whooping-cough*, 1·4 in Cardiff; and from "*fever*," 1·1 in Manchester, 1·2 in Salford, and 1·8 in Blackburn. The 62 deaths from *diphtheria* in the twenty-eight towns included 44 in London, 5 in Salford, 4 in Manchester, 4 in Nottingham, and 2 in Birmingham. *Small-pox* caused one death in Cardiff, but not one in London or in any of the twenty-six other great towns.

## LONDON.

In LONDON† 2606 BIRTHS and 1619 DEATHS were registered. Allowing for increase of population, the births were 188, and the deaths 75, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 21·2, 19·7, and 18·5 in the three preceding weeks, rose again last week to 19·7. During the first seven weeks of the current quarter the death-rate averaged 19·2 per 1000, and was 0·5 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1619 deaths included 124 from measles, 31 from scarlet fever, 44 from diphtheria, 17 from whooping-cough, 15 from enteric fever, 16 from diarrhoea and

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



dysentery, and not one from small-pox, typhus, ill-defined forms of fever, or cholera; thus, 247 deaths were referred to these diseases, being 30 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; and no small-pox patients were under treatment in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital, during the week. The fatal cases of *measles*, which had been 100, 88, and 109 in the three preceding weeks, further rose last week to 124, and exceeded the corrected average by 80; 8 belonged to Kensington, 10 to Marylebone, 15 to Pancras, 8 to Bethnal Green, 14 to Mile End Old Town, 9 to Poplar, and 7 to Camberwell sanitary areas. The deaths from *scarlet fever* which had declined in the four preceding weeks from 33 to 18, rose again last week to 31, but were 27 below the corrected average; 2 belonged to Kensington, 2 to Pancras, 2 to Islington, 4 to Hackney, 2 to Bethnal Green, 2 to Poplar, 4 to Lambeth, and 6 to Camberwell (including 2 at 5, Baker's Terrace) sanitary areas. At the end of the week the Metropolitan Asylum and the London Fever Hospitals contained 1080 scarlet fever patients, against 1009, 1007, and 969 in the three preceding weeks; 83 cases were admitted during the week, against 71 and 85 in the two previous weeks. The 44 deaths from *diphtheria* showed a further increase upon recent weekly numbers, and exceeded the corrected average by 23; 5 belonged to Kensington, 2 to Hammersmith, 2 to Pancras, 2 to Hackney, 2 to Shoreditch, 4 to Bethnal Green, 3 to St. Saviour Southwark, 5 to Lambeth, 2 to Wandsworth, and 5 to Camberwell sanitary areas. The 17 fatal cases of *whooping-cough* showed an increase of 2 upon the low number in the previous week, but were 19 below the corrected average. The deaths attributed to *diarrhoea* and *dysentery*, which had ranged in the twelve preceding weeks from 192 to 18, further declined last week to 16, and were 3 below the corrected average.

The deaths referred to *enteric fever*, which had been 22 and 14 in the two preceding weeks, were last week 15, and were 12 below the corrected average; 2 belonged to Kensington, and 3 to Islington sanitary areas. The Metropolitan Asylum Hospitals contained 80 cases of enteric fever, and 2 of typhus, on Saturday last; 11 cases of enteric fever were admitted during the week, against 7 and 9 in two previous weeks.

A woman, formerly an umbrella coverer, died on 14th instant, in Albert Road, Hackney, whose age was stated to be 101 years.

The deaths referred to diseases of the respiratory organs, which had been 522, 441, and 373 in the three preceding weeks, were last week 374, and were 61 below the corrected average.

Different forms of violence caused 60 deaths; 55 were the result of negligence or accident, among which were 21 from fractures and contusions, 12 from burns and scalds, and 14 of infants under one year of age from suffocation. The 21 deaths from fractures and contusions were thus caused:—7 by accidents from horses and vehicles in street; 3 by accidents on railway; 2 by fall down stairs; 1 by fall from loft; 1 by fall into ship's hold; 1 by fall from rigging; 1 by fall, the nature of which was not stated; 1 by injuries received from fall of barrow, 1 by being thrown from window during conflagration; 1 by injuries received from breaking of crane; and 2 by fracture, the cause of which was not stated. An inquest was held in each of these 21 cases. A death in Newgate prison was the result of execution. Three cases of suicide were registered, the corrected average being 8.

#### GREATER LONDON.

In Greater London 3394 births and 2028 deaths were registered, corresponding to annual rates of 32·0 and 19·1 per 1000 of the estimated population. In the Outer Ring 12 deaths from measles, 7 from diphtheria, 5 from "fever", and 4 from scarlet fever, were registered. Three fatal cases of scarlet fever and 3 of measles occurred in West Ham sub-district, and 2 of measles and 2 of diphtheria in Enfield sub-district.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·72 ins.; the lowest reading was 29·23 ins. on Tuesday morning, and the highest 30·01 ins. on Thursday evening. The mean temperature of the *air* was 50°·5, and 8°·3 above the average in the corresponding weeks of the 20 years ending 1868. The mean considerably exceeded the average on each day of the week, the warmest days being Thursday and Friday. The general direction of the *wind* was Southerly, and the horizontal movement of the air averaged 14·8 miles per hour, which was 2·7 miles above the average in the corresponding weeks of 16 years. *Rain* fell on four days of the week, to the aggregate amount of 0·40 of an inch. The duration of registered bright sunshine in the week was 8·6 hours, against 7·4 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGH.                 | Registered during<br>the Week ending<br>17th Nov., 1888. |    |    | Deaths of<br>Persons aged<br>60 Years<br>and upwards. |    | Deaths from |    |    |    |     |     |     |     | Deaths in<br>Public<br>Institutions. |     |     |     | Causes of Death. |                                    | TEMPERATURE OF THE AIR.                  |       |             |         | RAINFALL. |            | CITIES<br>AND<br>BOROUGH. |                |
|---|--|----|----|---|----|-------------|----|----|----|-----|-----|-----|-----|--------------------------------------|-----|-----|-----|------------------|------------------------------------|--|-------|-------------|---------|-----------|------------|---------------------------|----------------|
|   | 1.   | 2. | 3. | 4.  | 5. | 6.          | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14.                                  | 15. | 16. | 17. | 18.              | Fahrenheit.                        |  | Mean. | Centigrade. | Inches. | In Cent.  |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  | Infants under<br>1 Year of<br>Age. | Persons aged<br>60 Years<br>and upwards. |       |             |         |           | Small-pox. |                           | Miscellaneous. |
| The Deaths registered in the Week include |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
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|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |
|   |  |    |    |   |    |             |    |    |    |     |     |     |     |                                      |     |     |     |                  |                                    |  |       |             |         |           |            |                           |                |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-SIXTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2448 | 2544 | 2543 | 2623 | 2503 | 2633 | 2558 | 2692 | 2830 | 2459 | 2794.1   | 2606 |
| Males . .           | 1232 | 1274 | 1239 | 1330 | 1262 | 1360 | 1321 | 1381 | 1454 | 1207 | 1424.2   | 1335 |
| Females . .         | 1216 | 1270 | 1104 | 1293 | 1241 | 1273 | 1237 | 1301 | 1376 | 1252 | 1369.9   | 1271 |
| <b>TOTAL Deaths</b> | 1665 | 1609 | 1489 | 1434 | 1571 | 1681 | 1507 | 1557 | 1385 | 1638 | 1694.1   | 1619 |
| Males . .           | 845  | 826  | 742  | 683  | 812  | 882  | 817  | 765  | 756  | 830  | 867.8  | 848  |
| Females . .         | 820  | 783  | 747  | 751  | 759  | 799  | 690  | 792  | 629  | 808  | 826.3  | 771  |

\* The numbers in this column are the average weekly numbers in the forty-sixth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |              |   | Aug.<br>25. | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. | Nov.<br>10. | Nov.<br>17. |
|--|--------------|---|-------------|-------------|-------------|--------------|--------------|--------------|------------|-------------|-------------|-------------|------------|-------------|-------------|
| <b>TOTAL Births</b>                      | -            | - | 2401        | 2508        | 2475        | 2488         | 2463         | 2395         | 2413       | 2588        | 2459        | 2666        | 2373       | 2770        | 2606        |
| <b>TOTAL Deaths</b>                      | -            | - | 1438        | 1342        | 1316        | 1330         | 1298         | 1314         | 1352       | 1536        | 1641        | 1737        | 1613       | 1520        | 1619        |
| 0—20                                     | -            | - | 838         | 730         | 701         | 666          | 650          | 663          | 676        | 720         | 777         | 849         | 770        | 769         | 825         |
| 20—40                                    | -            | - | 138         | 159         | 145         | 159          | 177          | 176          | 165        | 219         | 197         | 199         | 189        | 186         | 179         |
| 40—60                                    | -            | - | 202         | 208         | 205         | 225          | 233          | 199          | 238        | 264         | 297         | 293         | 275        | 227         | 284         |
| 60—80                                    | -            | - | 221         | 204         | 223         | 235          | 197          | 225          | 224        | 273         | 297         | 325         | 310        | 288         | 260         |
| at 80 years & upwds.                     | -            | - | 39          | 41          | 42          | 45           | 41           | 46           | 49         | 60          | 73          | 71          | 69         | 50          | 71          |
| Deaths of children {                     | Under 1 year | - | 500         | 441         | 426         | 407          | 385          | 395          | 370        | 388         | 397         | 423         | 383        | 400         | 377         |
|  | 1—5          | - | 260         | 219         | 202         | 195          | 184          | 185          | 208        | 263         | 277         | 329         | 297        | 281         | 332         |
|  | 5—20         | - | 78          | 70          | 73          | 64           | 81           | 88           | 98         | 69          | 103         | 97          | 90         | 83          | 116         |
| Deaths from Small-pox                    | -            | - | -           | -           | -           | -            | -            | -            | -          | -           | 1           | 1           | -          | -           | -           |
| " " Measles                              | -            | - | 47          | 39          | 26          | 27           | 32           | 30           | 39         | 50          | 80          | 100         | 88         | 109         | 124         |
| " " Scarlet fever                        | -            | - | 21          | 15          | 19          | 24           | 20           | 22           | 24         | 30          | 33          | 25          | 24         | 18          | 31          |
| " " Diphtheria                           | -            | - | 17          | 23          | 18          | 18           | 24           | 27           | 35         | 26          | 36          | 31          | 32         | 34          | 44          |
| " " Whooping-cough                       | -            | - | 28          | 24          | 32          | 31           | 22           | 13           | 5          | 18          | 12          | 18          | 19         | 15          | 17          |
| " " Typhus                               | -            | - | -           | -           | -           | -            | -            | -            | 1          | -           | -           | -           | -          | -           | -           |
| " " Enteric fever                        | -            | - | 7           | 10          | 11          | 12           | 11           | 13           | 8          | 13          | 19          | 17          | 22         | 14          | 15          |
| " " Simple Cont <sup>d</sup> fever       | -            | - | -           | 1           | 1           | 1            | -            | -            | -          | 1           | 1           | 2           | -          | -           | -           |
| " " Diarrhœa and Dysentery               | -            | - | 192         | 144         | 131         | 122          | 78           | 77           | 72         | 43          | 42          | 30          | 34         | 18          | 16          |
| " " Cholera                              | -            | - | 7           | 2           | 3           | 1            | 4            | -            | -          | 2           | -           | 1           | -          | -           | -           |
| Deaths from the above-mentioned Diseases | -            | - | 319         | 258         | 241         | 236          | 191          | 182          | 184        | 183         | 223         | 225         | 220        | 208         | 247         |
| " " Dis. of Respiratory System           | -            | - | 172         | 130         | 148         | 184          | 179          | 213          | 239        | 311         | 364         | 522         | 441        | 373         | 374         |
| " " Phthisis                             | -            | - | 108         | 125         | 122         | 132          | 146          | 117          | 150        | 175         | 180         | 157         | 149        | 126         | 152         |
| " " Dis. of Circulatory System           | -            | - | 84          | 91          | 109         | 93           | 114          | 112          | 111        | 138         | 152         | 129         | 133        | 133         | 108         |
| Violent Deaths                           | -            | - | 47          | 53          | 32          | 61           | 69           | 61           | 51         | 60          | 51          | 57          | 59         | 50          | 60          |
| Inquest Cases                            | -            | - | 87          | 88          | 71          | 103          | 112          | 101          | 94         | 116         | 109         | 120         | 117        | 110         | 97          |
| Deaths in Public Institutions            | -            | - | 303         | 292         | 296         | 312          | 293          | 325          | 307        | 346         | 367         | 395         | 369        | 346         | 371         |
| TEMPERATURE OF THE AIR                   | -            | - | -           | -           | -           | -            | -            | -            | -          | -           | -           | -           | -          | -           | -           |
| Mean                                     | -            | - | 60.0        | 56.6        | 57.1        | 54.5         | 57.2         | 55.8         | 42.7       | 45.0        | 43.5        | 49.2        | 50.3       | 42.1        | 50.5        |
| Mean of Highest readings                 | -            | - | 70.2        | 66.4        | 65.9        | 66.3         | 66.3         | 65.2         | 52.6       | 54.7        | 53.4        | 58.5        | 54.7       | 47.0        | 55.4        |
| Mean of Lowest readings                  | -            | - | 51.8        | 48.4        | 51.2        | 44.7         | 50.0         | 49.9         | 33.5       | 36.2        | 34.4        | 40.6        | 46.7       | 37.7        | 45.2        |
| Humidity of the Air                      | -            | - | 82          | 81          | 83          | 83           | 81           | 90           | 82         | 79          | 87          | 89          | 92         | 86          | 89          |
| Rain-fall in inches                      | -            | - | 0.81        | 1.22        | 0.16        | 0.06         | 0.00         | 0.51         | 0.11       | 0.02        | 0.00        | 0.00        | 2.68       | 0.20        | 0.40        |
| Registered Sunshine (in hours)           | -            | - | 29.2        | 32.2        | 20.8        | 42.4         | 32.6         | 12.7         | 33.0       | 24.6        | 24.5        | 25.5        | 3.8        | 12.5        | 8.6         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

#### METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—P. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whiteledge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLeanborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SIXTH Week of the Year 1888.

| CAUSES OF DEATH.                                     | Corrected Averages for the 46th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 17th November 1888. |           |                  |                  |                  |                   |                        | CAUSES OF DEATH. | Corrected Averages for the 46th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 17th November 1888. |           |                  |                  |                  |                   |                        |    |    |   |
|--|---|--|-----------|------------------|------------------|------------------|-------------------|------------------------|------------------|---|--|-----------|------------------|------------------|------------------|-------------------|------------------------|----|----|---|
|  |   | Deaths of Persons of the Ages                    |           |                  |                  |                  |                   |                        |                  |   | Deaths of Persons of the Ages                    |           |                  |                  |                  |                   |                        |    |    |   |
|  |   | ALL AGES.  | Under 20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 and under 100. | 100 years and upwards. |                  |   | ALL AGES.  | Under 20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 and under 100. | 100 years and upwards. |    |    |   |
| ALL CAUSES -   | 1694.1  | 1619   | 377       | 332              | 116              | 179              | 234               | 230                    | 71               | Diseases of Organs of Special Sense† -                          | 2.3  | 1         | -                | -                | -                | 1                 | -                      | -  | -  | - |
| Small-pox { Vaccinated† - - - - -                    | 8.6 {   | -  | -         | -                | -                | -                | -                 | -                      | -                | Diseases of Circulatory System - - - - -                        | 117.2  | 108       | 1                | 1                | 6                | 13                | 40                     | 33 | 9  | - |
| Unvaccinated - - - - -                               |   | -  | -         | -                | -                | -                | -                 | -                      | -                | Croup - - - - -   | 16.5   | 13        | 2                | 10               | 1                | -                 | -                      | -  | -  | - |
| No Statement - - - - -                               |   | -  | -         | -                | -                | -                | -                 | -                      | -                | Bronchitis - - - - -  | 264.6  | 233       | 83               | 49               | 7                | 4                 | 33                     | 44 | 14 | - |
| Measles - - - - -                                    | 44.4  | 124  | 17        | 93               | 14               | -                | -                 | -                      | -                | Pneumonia - - - - -   | 108.4  | 92        | 23               | 32               | 7                | 5                 | 20                     | 4  | 1  | - |
| Scarlet Fever - - - - -                              | 57.6  | 31   | -         | 20               | 10               | 1                | -                 | -                      | -                | Placidity - - - - -   | 6.3  | 6         | -                | 1                | -                | 1                 | 4                      | -  | -  | - |
| Typhus - - - - -                                     | 2.6   | -  | -         | -                | -                | -                | -                 | -                      | -                | Other Diseases of Respiratory System - - - - -                  | 39.5   | 30        | 8                | 6                | 1                | 3                 | 4                      | 8  | -  | - |
| Relapsing Fever† - - - - -                           | 0.0   | -  | -         | -                | -                | -                | -                 | -                      | -                | Dentition† - - - - -  | 11.0   | 8         | 6                | 2                | -                | -                 | -                      | -  | -  | - |
| Influenza - - - - -                                  | 0.1   | -  | -         | -                | -                | -                | -                 | -                      | -                | Quinsy, Sore Throat† - - - - -                                  | 1.4  | 1         | -                | 1                | -                | -                 | -                      | -  | -  | - |
| Whooping-cough - - - - -                             | 35.9  | 17   | 8         | 11               | 1                | -                | -                 | -                      | -                | Enteritis - - - - -   | 6.3  | 7         | 3                | 1                | -                | 1                 | -                      | 1  | 1  | - |
| Diphtheria - - - - -                                 | 20.5  | 44   | 2         | 23               | 16               | 1                | -                 | -                      | -                | Peritonitis - - - - -   | 5.9  | 8         | -                | 1                | -                | -                 | -                      | -  | -  | - |
| Simple Continued and Ill-defined Fever - - - - -     | 1.9   | -  | -         | -                | -                | -                | -                 | -                      | -                | Diseases of Liver - - - - -                                     | 30.0   | 30        | 1                | -                | 2                | 3                 | -                      | 2  | 9  | 3 |
| Enteric Fever - - - - -                              | 23.8  | 15   | -         | 1                | 2                | 9                | 2                 | 1                      | -                | Other Diseases of Digestive System - - - - -                    | 27.4   | 32        | 8                | 3                | 2                | 2                 | 11                     | 6  | -  | - |
| Cholera - - - - -                                    | 0.3   | -  | -         | -                | -                | -                | -                 | -                      | -                | Diseases of Lymphatic System & of Ductless Glands† - - - - -    | 2.6  | 2         | -                | 1                | -                | 1                 | -                      | -  | -  | - |
| Diarrhoea, Dysentery - - - - -                       | 18.7  | 16   | 12        | 2                | 1                | -                | 1                 | -                      | -                | Diseases of Urinary System - - - - -                            | 39.6   | 39        | -                | 2                | 4                | 8                 | 15                     | 8  | 2  | - |
| Remittent Fever† - - - - -                           | 0.5   | -  | -         | -                | -                | -                | -                 | -                      | -                | Diseases of Generative System - - - - -                         | 6.9  | 6         | -                | -                | -                | 4                 | 2                      | -  | -  | - |
| Hydrophobia - - - - -                                | 0.1   | -  | -         | -                | -                | -                | -                 | -                      | -                | Accidents of Childbirth - - - - -                               | 3.9  | 3         | -                | -                | -                | 2                 | 1                      | -  | -  | - |
| Glanders - - - - -                                   | 0.0   | -  | -         | -                | -                | -                | -                 | -                      | -                | Diseases of Locomotive System† - - - - -                        | 7.5  | 11        | -                | 1                | 2                | 1                 | 6                      | 1  | -  | - |
| Cowpox and Effects of Vaccination† - - - - -         | 0.4   | -  | -         | -                | -                | -                | -                 | -                      | -                | Diseases of Integumentary System - - - - -                      | 7.5  | 4         | 3                | -                | -                | -                 | 1                      | -  | -  | - |
| Venerical Affections - - - - -                       | 10.9  | 14   | 13        | 1                | -                | 1                | -                 | -                      | -                | VIOLENT DEATHS.} ACCIDENT.)                                     |  |           |                  |                  |                  |                   |                        |    |    |   |
| Erysipelas - - - - -                                 | 9.5   | 8  | 1         | -                | -                | 1                | 1                 | -                      | -                | Fracture and Contusion - - - - -                                | 22.2   | 21        | 1                | 2                | 3                | 6                 | 5                      | 4  | -  | - |
| Pyæmia and Septicæmia† - - - - -                     | 3.0   | 1  | -         | 1                | -                | -                | -                 | -                      | -                | Gunshot Wound - - - - -   | 0.0  | -         | -                | -                | -                | -                 | -                      | -  | -  | - |
| Puerperal Fever - - - - -                            | 6.9   | 2  | -         | -                | 2                | -                | -                 | -                      | -                | Cut, Scab - - - - -   | 0.4  | 1         | -                | -                | -                | -                 | 1                      | -  | -  | - |
| Other Zymotic Diseases† - - - - -                    | 1.9   | 3  | -         | 8                | -                | -                | -                 | -                      | -                | Burn and Scald - - - - -  | 6.7  | 12        | -                | 6                | 2                | 3                 | -                      | 1  | -  | - |
| Thrush - - - - -                                     | 3.1   | 2  | 2         | -                | -                | -                | -                 | -                      | -                | Poison - - - - -  | 1.7  | -         | -                | -                | -                | -                 | -                      | -  | -  | - |
| Worms and other Parasitical Diseases - - - - -       | 0.5   | 1  | -         | -                | -                | 1                | -                 | -                      | -                | Drowning - - - - -  | 2.8  | 1         | -                | -                | -                | -                 | 1                      | -  | -  | - |
| Starvation, Want of Breast-milk† - - - - -           | 1.8   | -  | -         | -                | -                | -                | -                 | -                      | -                | Suffocation - - - - -   | 14.1   | 19        | 14               | 2                | -                | -                 | 2                      | 1  | -  | - |
| Alcoholism - - - - -                                 | 5.0   | 3  | -         | -                | 3                | -                | -                 | -                      | -                | Otherwise - - - - -   | 2.8  | 1         | -                | -                | 1                | -                 | -                      | -  | -  | - |
| Rheumatic Fever, Rheumatism of Heart† - - - - -      | 9.7   | 7  | -         | 3                | -                | 4                | -                 | -                      | -                | (HOMICIDE.)   |  |           |                  |                  |                  |                   |                        |    |    |   |
| Rheumatism† - - - - -                                | 2.1   | 1  | -         | -                | -                | 1                | -                 | -                      | -                | Murder & Manslaughter - - - - -                                 | 1.4  | 1         | -                | -                | -                | 1                 | -                      | -  | -  | - |
| Gonæ - - - - -                                       | 2.6   | 1  | -         | -                | -                | -                | -                 | -                      | -                | (SUICIDE.)  |  |           |                  |                  |                  |                   |                        |    |    |   |
| Rickets† - - - - -                                   | 2.8   | 4  | 3         | 1                | -                | -                | -                 | -                      | -                | Gunshot Wound - - - - -   | 1.4  | 1         | -                | -                | -                | -                 | 1                      | -  | -  | - |
| Cancer - - - - -                                     | 51.7  | 69   | -         | -                | 4                | 23               | 26                | 1                      | -                | Cut, Scab - - - - -   | 1.2  | -         | -                | -                | -                | -                 | -                      | -  | -  | - |
| Tabes Mesenterica - - - - -                          | 23.7  | 31   | 17        | 10               | 1                | 3                | -                 | -                      | -                | Poison - - - - -  | 1.5  | 2         | -                | -                | -                | -                 | 2                      | -  | -  | - |
| Tubercular Meningitis - - - - -                      | 24.0  | 22   | 7         | 9                | 6                | -                | -                 | -                      | -                | Drowning - - - - -  | 1.3  | -         | -                | -                | -                | -                 | -                      | -  | -  | - |
| Phthisis - - - - -                                   | 181.7   | 151  | 1         | 3                | 12               | 68               | 50                | 20                     | -                | Hanging - - - - -   | 1.9  | -         | -                | -                | -                | -                 | -                      | -  | -  | - |
| Scrophula, Tuberculosis - - - - -                    | 14.9  | 16   | 8         | 2                | 3                | 3                | 2                 | -                      | -                | Otherwise - - - - -   | 0.7  | -         | -                | -                | -                | -                 | -                      | -  | -  | - |
| Other Constitutional Diseases† - - - - -             | 10.6  | 6  | -         | -                | 1                | 4                | 1                 | -                      | -                | (EXECUTION.)  |  |           |                  |                  |                  |                   |                        |    |    |   |
| Premature Birth - - - - -                            | 38.4  | 42   | 42        | -                | -                | -                | -                 | -                      | -                | Hanging - - - - -   | 0.0  | 1         | -                | -                | -                | -                 | -                      | 1  | -  | - |
| Atelactæsis† - - - - -                               | 3.3   | 3  | 3         | -                | -                | -                | -                 | -                      | -                | OTHER CAUSES† - - - - -   | 57.6   | 55        | 44               | 4                | -                | 2                 | 3                      | 1  | 1  | - |
| Congenital Malformations - - - - -                   | 7.6   | 7  | 7         | -                | -                | -                | -                 | -                      | -                |   |  |           |                  |                  |                  |                   |                        |    |    |   |
| Old Age - - - - -                                    | 59.3  | 55   | -         | -                | -                | -                | 26                | 29                     | -                |   |  |           |                  |                  |                  |                   |                        |    |    |   |
| Apoplexy - - - - -                                   | 43.7  | 55   | -         | 2                | -                | 3                | 11                | 33                     | 6                |   |  |           |                  |                  |                  |                   |                        |    |    |   |
| Epilepsy - - - - -                                   | 7.0   | 7  | -         | -                | 2                | 2                | 2                 | 1                      | -                |   |  |           |                  |                  |                  |                   |                        |    |    |   |
| Convulsions - - - - -                                | 49.3  | 41   | 34        | 7                | -                | -                | -                 | -                      | -                |   |  |           |                  |                  |                  |                   |                        |    |    |   |
| Other Diseases of Brain and Nervous System - - - - - | 80.4  | 33   | 11        | 17               | 6                | 9                | 15                | 24                     | 4                |   |  |           |                  |                  |                  |                   |                        |    |    |   |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospital, outside Registration London (see Table 3).

† The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.748 per cent. for increase of population.

‡ As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

§ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When no medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered medical practitioner, the case is returned under the heading "no statement."

|| The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

| The DEATHS registered in the Week include                                   |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |                    |
|---|--|--|--|--|---------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|----------------|-----------------------------------|--------------------|
| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | Deaths of                       |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     | Inquest Cases. | Deaths in Public<br>Institutions. | Unrecorded Causes. |
|   |  |  |  |  | Infants under 1<br>Year of Age. | Persons aged 10<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Euteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |                |                                   |                    |
| LONDON . . . . .  |  | 3,815,704                                    | 2606                                   | 1619                                   | 377                             | 331                                 | -           | 124      | 31             | 44          | 17              | -       | 15                             | -                            | 16         | 69        | 117 | 371            | 1                                 |                    |
| WEST DISTRICTS . . . . .  |  | 689,638                                      | 370                                    | 293                                    | 47                              | 73                                  | -           | 22       | 5              | 7           | 2               | -       | 4                              | -                            | 4          | 8         | 17  | 74             | 1                                 |                    |
| NORTH DISTRICTS . . . . .   |  | 605,947                                      | 602                                    | 377                                    | 87                              | 73                                  | -           | 29       | 9              | 12          | 2               | -       | 6                              | -                            | 1          | 7         | 27  | 89             | 1                                 |                    |
| CENTRAL DISTRICTS . . . . .   |  | 282,238                                      | 160                                    | 109                                    | 21                              | 24                                  | -           | 5        | -              | 5           | 3               | -       | 2                              | -                            | -          | 6         | 9   | 31             | 1                                 |                    |
| EAST DISTRICTS . . . . .  |  | 692,738                                      | 512                                    | 328                                    | 86                              | 51                                  | -           | 42       | 5              | 6           | 2               | -       | 1                              | -                            | 7          | 15        | 23  | 73             | 1                                 |                    |
| SOUTH DISTRICTS . . . . .   |  | 1,285,148                                    | 962                                    | 511                                    | 126                             | 105                                 | -           | 26       | 11             | 14          | 8               | -       | 2                              | -                            | 4          | 21        | 31  | 91             | 1                                 |                    |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . |  | -  | -                                      | 1                                      | -                               | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1              | -                                 |                    |
| WEST DISTRICTS.   |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |                    |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69888  | 43                                     | 23                                     | 6                               | 9                                   | -           | 6        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | -   | 7              | -                                 |                    |
| St. John Paddington H - - - G.J.  |  | 37330  | 9                                      | 10                                     | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2   | 7              | -                                 |                    |
| Kensington Town WH - - - W.M.   |  | 120141                                       | 44                                     | 60                                     | 10                              | 25                                  | -           | 6        | -              | 2           | -               | -       | -                              | -                            | 1          | 1         | 3   | 16             | -                                 |                    |
| Brompton HH - - - W.M. & C.   |  | 42010  | 5                                      | 13                                     | 1                               | 2                                   | -           | 2        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3              | -                                 |                    |
| St. Peter Hammersmith - - - W.M.  |  | 7599   | 1                                      | 3                                      | -                               | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 59                                     | 34                                     | 9                               | 2                                   | -           | 4        | 1              | 2           | -               | -       | 1                              | -                            | 3          | -         | 2   | 8              | -                                 |                    |
| Fulham WHW - - - W.M. & C.  |  | 42900  | 57                                     | 34                                     | 6                               | 4                                   | -           | 1        | 3              | 2           | -               | -       | 1                              | -                            | 1          | 1         | 2   | 8              | -                                 |                    |
| Chelsea South HHH - - - C.  |  | 30396  | 18                                     | 10                                     | 2                               | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 2              | -                                 |                    |
| Chelsea North-west WHHHHH - C.  |  | 24925  | 8                                      | 18                                     | 1                               | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 10             | -                                 |                    |
| Chelsea North-east - - - C.   |  | 32807  | 37                                     | 9                                      | 3                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| May Fair WW - - - G.J.  |  | 30353  | 9                                      | 19                                     | 2                               | 13                                  | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3   | 7              | -                                 |                    |
| Belgrave WWWW - - - C.  |  | 69220  | 26                                     | 24                                     | -                               | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 8              | -                                 |                    |
| St. John Westminster HHH - - C.   |  | 35496  | 22                                     | 16                                     | 4                               | 2                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | 2   | 1              | -                                 |                    |
| St. Margaret Westminster H - - C.   |  | 24679  | 11                                     | 6                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 5              | -                                 |                    |
| St. James Westminster WHH N.R. & G.J.                                       |  | 20941  | 17                                     | 9                                      | 1                               | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | 2              | -                                 |                    |
| St. Anne Soho HHHHHHH - N.R.  |  | 16868  | 4                                      | 2                                      | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| NORTH DISTRICTS.  |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |                    |
| All Souls Marylebone HHHH - W.M.  |  | 28789  | 9                                      | 9                                      | 1                               | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 5              | -                                 |                    |
| Cavendish Square HHHH - W.M.  |  | 14391  | 5                                      | 3                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Rectory Marylebone WH G.J. & W.M.   |  | 24300  | 13                                     | 12                                     | 6                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | 7              | -                                 |                    |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 23                                     | 6                                      | 2                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Christchurch Marylebone H - W.M.  |  | 33790  | 22                                     | 14                                     | 4                               | 1                                   | -           | 6        | -              | -           | -               | -       | 1                              | -                            | -          | -         | 1   | -              | -                                 |                    |
| St. John Marylebone H - W.M.  |  | 33633  | 12                                     | 11                                     | -                               | 4                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Hampstead WWWW HHHH N.R. & W.M.   |  | 45452  | 25                                     | 19                                     | 2                               | 6                                   | -           | 2        | 2              | 2           | -               | -       | -                              | -                            | -          | 1         | 2   | 6              | -                                 |                    |
| Regent's Park Paneras H - W.M.  |  | 39115  | 21                                     | 11                                     | 4                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1   | -              | -                                 |                    |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27723  | 16                                     | 14                                     | 1                               | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 10             | -                                 |                    |
| Gray's Inn Lane HHH - - N.R.  |  | 30247  | 17                                     | 15                                     | 5                               | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 4   | 3              | -                                 |                    |
| Somerset Town H - - N.R.  |  | 34369  | 22                                     | 19                                     | 7                               | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 5              | -                                 |                    |
| Camden Town WH - - N.R.   |  | 17311  | 17                                     | 16                                     | 2                               | 6                                   | -           | 5        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 13             | -                                 |                    |
| Kentish Town W - - N.R.   |  | 67487  | 66                                     | 37                                     | 8                               | 3                                   | -           | 8        | -              | -           | 1               | -       | 1                              | -                            | -          | -         | 3   | 6              | -                                 |                    |
| Upper Holloway WWWH - - N.R.  |  | 67946  | 60                                     | 39                                     | 8                               | 7                                   | -           | -        | 1              | -           | -               | -       | 1                              | -                            | -          | 1         | 2   | 14             | -                                 |                    |
| Islington South-west HH - - N.R.  |  | 100976                                       | 76                                     | 25                                     | 5                               | 1                                   | -           | 1        | 1              | -           | -               | -       | 1                              | -                            | -          | -         | 1   | -              | -                                 |                    |
| Islington South-east - - N.R.   |  | 61825  | 28                                     | 17                                     | 4                               | 4                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Highbury H - - N.R.   |  | 52048  | 28                                     | 19                                     | 2                               | 6                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 1   | 3              | -                                 |                    |
| Stoke Newington H - - N.R.  |  | 22731  | 13                                     | 11                                     | 2                               | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Stamford Hill - - E.L.  |  | 9277   | 13                                     | 4                                      | 1                               | -                                   | -           | 1        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -   | -              | -                                 |                    |
| West Hackney H - - N.R.   |  | 37610  | 32                                     | 15                                     | 5                               | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | 1              | -                                 |                    |
| Hackney WWWWH - - E.L. & N.R.   |  | 76911  | 89                                     | 69                                     | 14                              | 11                                  | -           | 1        | 4              | 7           | -               | -       | -                              | -                            | 1          | 2         | 5   | 17             | -                                 |                    |
| South Hackney - - E.L.  |  | 39983  | 25                                     | 10                                     | 4                               | 1                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -              | -                                 |                    |
| CENTRAL DISTRICTS.  |  |  |  |  |                                 |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |                |                                   |                    |
| St. George Bloomsbury - - N.R.  |  | 16881  | 7                                      | 2                                      | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| St. Giles South WE - - N.R.   |  | 14864  | 10                                     | 8                                      | 4                               | 2                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -   | 1              | -                                 |                    |
| St. Giles North - - N.R.  |  | 13837  | 3                                      | 1                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 7                                      | 9                                      | 2                               | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 2   | 3              | -                                 |                    |
| St. Mary-le-Strand H - - N.R.   |  | 7515   | 1                                      | 2                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -   | -              | -                                 |                    |
| St. Clement Danes H - - N.R.  |  | 8559   | 7                                      | 7                                      | 1                               | 1                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | -          | -         | -   | 6              | -                                 |                    |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| St. Geo. the Martyr HHHHHHH N.R.  |  | 18671  | 6                                      | 12                                     | -                               | 1                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -   | 6              | -                                 |                    |
| St. Andrew Eastern W - - N.R.   |  | 10706  | 2                                      | 3                                      | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3              | -                                 |                    |
| St. Andrew Hill H - - N.R.  |  | 6533   | 3                                      | 2                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| St. James Clerkwell - - N.R.  |  | 17516  | 12                                     | 6                                      | 1                               | -                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | -              | -                                 |                    |
| Amwell Clerkwell - - N.R.   |  | 13231  | 9                                      | 3                                      | 2                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Pentonville - - N.R.  |  | 14773  | 8                                      | 9                                      | 3                               | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -              | -                                 |                    |
| Goswell-street - - N.R.   |  | 17509  | 19                                     | 6                                      | 1                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Old-street H - - N.R.   |  | 11541  | 7                                      | 4                                      | -                               | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| City-road HHL - - N.R.  |  | 18628  | 21                                     | 6                                      | 2                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Whitecross-street - - N.R.  |  | 9217   | 11                                     | 1                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Finsbury - - N.R.   |  | 7493   | 1                                      | 2                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Holborn Union Workhouse, Mitcham, w.  |  | -  | -                                      | -                                      | -                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| St. Botolph H - - N.R. & E.L.   |  | 11174  | 6                                      | 3                                      | 1                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| Cripplegate - - N.R.  |  | 7193   | 4                                      | 2                                      | -                               | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| St. Sepulchre H - - N.R.  |  | 3363   | 3                                      | 14                                     | 1                               | 5                                   | -           | -        | -              | 3           | -               | -       | -                              | -                            | -          | 3         | 3   | 12             | -                                 |                    |
| St. Bride W - - N.R.  |  | 8396   | 3                                      | 3                                      | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| All Saints Barking - - N.R.   |  | 13666  | 6                                      | 1                                      | 1                               | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |
| St. Andrew H - - N.R.   |  | 5652   | 4                                      | 1                                      | -                               | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -              | -                                 |                    |

NOTES.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts—G.J. signifying Grand Junction Company; W.M. West Middlesex; C. Chelsea; S. Southwark and Vauxhall; L. Lambeth; N. R. New River; E. L. East London and K. the Kent Company.





TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 17th November, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.             | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |  |
|---|--|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--|
|   |  |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |  |
|   |  |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 15<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |
| LONDON—OUTER RING   |  | 370,924  | 950,957   | 788     | 409     | 100                                       | 106                                 | -           | 12       | 4              | 7           | 4               | 5      | 9          | 11        | 23             | 47                                |  |
| 80: 1   | Carshalton <i>wL</i> -                     | 19293  | 21113   | 9       | 8       | 1   | 3                                   | -           | 1        | -              | -           | -               | -      | -          | 1         | 1              | 4                                 |  |
| 2   | Epsom ( <i>part of</i> ) * <i>WwH</i>      | 9971   | 10710   | 9       | 7       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 37: 1   | Godstone ( <i>part of</i> ) * -            | 2754   | 1235  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 38: 1   | Croydon <i>WwHHL</i> -                     | 20851  | 101241  | 60      | 39      | 7   | 13                                  | -           | -        | -              | -           | -               | 1      | 1          | 1         | 1              | 8                                 |  |
| 2   | Mitcham <i>w†</i> -                        | 11637  | 17932   | 12      | 8       | 3   | 1                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |
| 39: 1   | Wimbledon <i>HHH</i> -                     | 3220   | 15950   | 16      | 8       | 4   | 1                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Kingston <i>WHH</i> -                      | 8549   | 33354   | 23      | 9       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | 2                                 |  |
| 3   | Esher ( <i>part of</i> ) * -               | 6601   | 9221  | 6       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 4   | Hampton <i>H</i> -                         | 4573   | 13539   | 9       | 6       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |  |
| 40: 1   | Richmond <i>WH</i> -                       | 2272   | 21302   | 12      | 13      | 1   | 8                                   | -           | -        | -              | -           | -               | -      | 1          | -         | 2              | 1                                 |  |
| 2   | Mortlake -                                 | 2941   | 12331   | 14      | 6       | 2   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 41: 1   | Bromley ( <i>pt. of</i> ) * <i>HH</i>      | 15699  | 31142   | 37      | 9       | 1   | 3                                   | -           | -        | 1              | -           | -               | -      | 2          | -         | -              | -                                 |  |
| 2   | Chislehurst ( <i>pt. of</i> ) * <i>WHH</i> | 14307  | 15844   | 7       | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 42: 1   | Bexley <i>H</i> -                          | 13437  | 24134   | 12      | 10      | -   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Dartford ( <i>Ww</i> , <i>pts. of</i> ) *  | -  | -   | -       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 124: 1  | Sunbury <i>w</i> -                         | 11055  | 11635   | 6       | 6       | 1   | 1                                   | -           | 2        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Staines <i>W</i> -                         | 13277  | 12089   | 3       | 6       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4                                 |  |
| 125: 1  | Hillingdon <i>WHH</i> -                    | 6029   | 10802   | 9       | 8       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 2              | 1                                 |  |
| 2   | Uxbridge -                                 | 6178   | 3225  | 6       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Hayes <i>wHL</i> -                         | 14637  | 11523   | 10      | 9       | -   | 4                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | 6                                 |  |
| 126: 1  | Isleworth <i>WHH</i> -                     | 7008   | 22727   | 21      | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 2   | Twickenham <i>H</i> -                      | 2477   | 12479   | 7       | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Brentford <i>HL</i> -                      | 4345   | 27349   | 11      | 12      | 3   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 4   | Chiswick -                                 | 1340   | 15975   | 15      | 8       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |
| 5   | Acton <i>wH</i> -                          | 6933   | 22376   | 15      | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 127: 1  | Harrow <i>H</i> -                          | 13809  | 12795   | 7       | 8       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 2   | Edgware <i>H</i> -                         | 6994   | 3749  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Willesden -                                | 4393   | 27453   | 33      | 17      | 8   | 1                                   | -           | -        | -              | 1           | -               | -      | -          | -         | 3              | -                                 |  |
| 4   | Hendon <i>W</i> -                          | 8332   | 10434   | 7       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 137: 1  | Bushey -                                   | 9331   | 5521  | 4       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Watford ( <i>W</i> , <i>pt. of</i> ) *     | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 128: 1  | South Mimms -                              | 15599  | 6391  | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Barnet -                                   | 5133   | 10922   | 3       | 4       | 3   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Finchley <i>HL</i> -                       | 4333   | 17615   | 12      | 10      | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 5                                 |  |
| 129: 1  | Hatfield ( <i>part of</i> ) *              | 3306   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Hornsey <i>H</i> -                         | 3039   | 37078   | 41      | 15      | 2   | 5                                   | -           | 1        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 3   | Tottenham <i>H</i> -                       | 4342   | 43455   | 72      | 23      | 8   | 4                                   | -           | 1        | -              | 1           | -               | -      | -          | -         | -              | 1                                 |  |
| 4   | Edmonton <i>Ww†</i> -                      | 7453   | 23453   | 15      | 13      | 6   | 2                                   | -           | -        | -              | -           | 1               | 1      | -          | -         | 1              | 1                                 |  |
| 5   | Enfield <i>WH</i> -                        | 12653  | 19194   | 17      | 13      | 6   | 2                                   | -           | 2        | -              | 2           | -               | -      | -          | -         | -              | -                                 |  |
| 6   | Waltham Abbey -                            | 11017  | 3333  | 2       | 1       | -   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |  |
| 130: 1  | Chesham -                                  | 8490   | 7735  | 3       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Stratford -                                | 532  | 38903   | 23      | 16      | 7   | 2                                   | -           | -        | -              | -           | -               | 1      | 1          | 1         | 2              | -                                 |  |
| 3   | West Ham <i>wwwH†</i> -                    | 7351   | 101053  | 131     | 52      | 15  | 9                                   | -           | 3        | 3              | 1           | 1               | 1      | 2          | 1         | 3              | -                                 |  |
| 4   | Leyton <i>WwL</i> -                        | 4372   | 32430   | 37      | 26      | 5   | 6                                   | -           | 1        | -              | 1           | -               | 1      | -          | 3         | 4              | 7                                 |  |
| 5   | Walthamstow <i>H</i> -                     | 6320   | 28363   | 26      | 6       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 137: 1  | Chigwell ( <i>part of</i> ) * <i>H</i>     | 11761  | 9333  | 4       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 2   | Epping ( <i>W</i> , <i>pt. of</i> ) *      | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 139: 1  | Romford ( <i>part of</i> ) * <i>W</i>      | 6730   | 3411  | 2       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |
| 2   | Ilford -                                   | 3493   | 7645  | 8       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |
| 3   | Barking Town -                             | 4127   | 9203  | 7       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:  
 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1235); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Chislehurst and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 917); 135: 1, the parish of Northaw in Hatfield sub-district; 137: 1, Chigwell sub-district, except the parish of Thelton Bay (pop. 455); 139: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouses (see Table 6).

‡ Exclusive of deaths of London residents in Strand Union Workhouses and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 6).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 6).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the week ending Saturday, 17th November, 1888.

| THE<br>GREATER<br>LONDON. |         | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |  |  |  |  |  | Deaths in Public<br>Institutions. |
|---------------------------|---------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|--|--|--|--|--|-----------------------------------|
|                           |         |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |  |  |  |  |  |                                   |
|                           |         |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |  |  |  |  |  |                                   |
|                           |         |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |            |           |  |  |  |  |  |                                   |
| Cols.                     | 1.      | 2.   | 3.   | 4.  | 5.                                    | 6.                               | 7.  | 8.   | 9.          | 10.      | 11.               | 12.         | 13.                 | 14.    | 15.        | 16        |  |  |  |  |  |                                   |
| GREATER LONDON            | 448,334 | 5,527,886  | 19.1   | 2.8   | 2028                                  | 477                              | 437                                       | -  | 136         | 35       | 51                | 21          | 20                  | 25     | 71         | 418       |  |  |  |  |  |                                   |
| GREATER LONDON -          | 77,410  | 4,282,921  | 19.7   | 3.0   | 1619                                  | 377                              | 331                                       | -  | 124         | 31       | 44                | 17          | 15                  | 16     | 60         | 371       |  |  |  |  |  |                                   |
| THE RING -                | 370,924 | 1,244,965  | 17.1   | 1.7   | 409                                   | 100                              | 106                                       | -  | 12          | 4        | 7                 | 4           | 5                   | 9      | 11         | 47        |  |  |  |  |  |                                   |

The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 22 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.            | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|--------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA -         | 433,219                               | September 29                | -                               | 227     | 27.3                               | Fevers 62; cholera 20.                                |
| BOMBAY -           | 773,196                               | October 6                   | 3                               | 218     | 26.2                               | Fevers 63; cholera 30.                                |
| MADRAS -           | 398,777                               | October 23                  | 346                             | 444     | 25.6                               | Fevers 134; measles 4.                                |
| PARIS -            | 2,260,945                             | " 5                         | 803                             | 256     | 33.3                               | Fevers 64; cholera 5; diarr. dis. 36.                 |
| BRUSSELS -         | 462,069                               | November 10                 | 1174                            | 956     | 22.0                               | Typd. fev. 17; diph. and croup 30; small-pox 4.       |
| with 8 Faubourgs.) |                                       | " 10                        | 230                             | 195     | 21.9                               | Measles 10.   |
| AMSTERDAM -        | 390,016                               | " 10                        | 280                             | 127     | 16.0                               | Measles 5; diphtheria 2.                              |
| ROTTERDAM -        | 193,658                               | " 10                        | 123                             | 68      | 13.2                               | -   |
| THE HAGUE -        | 149,477                               | " 10                        | 92                              | 56      | 19.4                               | Measles 5.  |
| COPENHAGEN -       | 300,000                               | " 6                         | 202                             | 115     | 20.0                               | Diphtheria 5.   |
| STOCKHOLM -        | 221,540                               | " 3                         | 132                             | 70      | 16.4                               | Diarrhoeal dis. 8.                                    |
| CHRISTIANIA -      | 135,690                               | " 10                        | 78                              | 53      | 20.3                               | Diphtheria and croup 7.                               |
| ST. PETERSBURG     | 842,883                               | " 3                         | -                               | 333     | 23.7                               | Typhus & typhd. fev. 7; sc. fev. 17; diph. 9.         |
| BERLIN -           | 1,438,006                             | October 27                  | 905                             | 542     | 19.5                               | Diphtheria 32; meas. 11; typhus and typhd. fev. 5.    |
| HAMBURG (State)    | 550,694                               | November 3                  | 383                             | 247     | 23.4                               | Diph. & croup 14; scarlet fev. 5; typ. & tpd. fev. 4. |
| DRESDEN -          | 259,142                               | " 3                         | 153                             | 88      | 17.7                               | Diphtheria and croup 5.                               |
| BRISLAU -          | 313,451                               | " 10                        | 203                             | 157     | 26.6                               | Diph. 15; scar. fever 5; typhus & typhd. fev. 2.      |
| MUNICH -           | 275,000                               | " 3                         | 191                             | 142     | 26.9                               | Diphtheria and croup 11; scar. fev. 3.                |
| VIENNA -           | 800,836                               | " 3                         | 510                             | 343     | 22.6                               | Diph. 12; scar. fev. 7; measles 4.                    |
| PRAGUE -           | 295,857                               | " 3                         | -                               | 143     | 25.2                               | Small-pox 16; diph. 13; typhus & typhd. fev. 2.       |
| BUDA-PESTH -       | 442,787                               | " 3                         | 306                             | 218     | 25.6                               | Diph. 4; scar. fev. 3; typhus & typhd. fev. 7.        |
| TRIESTE -          | 156,042                               | " 3                         | -                               | 77      | 25.7                               | Diphtheria and croup 3; small-pox 1.                  |
| ROME -             | 388,300                               | September 22                | 226                             | 153     | 21.2                               | Typhd. fev. 6; malarial fever 10; diar. dis. 25.      |
| TURIN (10 days)    | 294,826                               | October 20                  | 221                             | 161     | 19.9                               | Typhoid fev. 3; diph. 2; croup 5.                     |
| VENICE -           | 150,502                               | " 27                        | 63                              | 73      | 25.3                               | Diarrhoeal dis. 6.                                    |
| CAIRO -            | 374,338                               | " 25                        | 511                             | 317     | 44.1                               | Typd. fv. 15; diar. dis. 132.                         |
| ALEXANDRIA -       | 231,396                               | " 25                        | 181                             | 138     | 42.4                               | Tphd. fev. 4; dip. & cp. 5; diarrhoeal diseases 49.   |
| NEW YORK -         | 1,493,000                             | " 27                        | -                               | 673     | 23.5                               | Diph. 23; scar. fev. 16; typhoid fever 13.            |
| BROOKLYN -         | 774,870                               | " 27                        | -                               | 296     | 19.2                               | Diphtheria 20; croup 11; typhoid fever 12.            |
| PHILADELPHIA -     | 1,016,768                             | " 27                        | -                               | 336     | 17.2                               | Diphtheria 7; typhoid fev. 11; scar. fev. 8.          |
| BALTIMORE -        | 431,870                               | " 27                        | -                               | 157     | 19.0                               | Typd. fev. 7; diph. 2; scarlet fever 2.               |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 17TH NOVEMBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.<br>MONTH AND<br>DAY. | Phases<br>of the<br>Moon. | TEMPERATURE.  |               |              |                 |                         | TEMPERATURE.        |  |                         |   |                  | Wind as deduced from Anemometers. |   |              |          |      | Rain<br>collected<br>in a<br>Gauge<br>whose<br>receiving<br>surface is<br>5 inches<br>above<br>the<br>Ground. |                                 |        |                                |   |               |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
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|                            |                           | BARO-<br>METER.<br>Mean<br>daily<br>reading<br>(cor-<br>rected<br>and re-<br>duced to<br>32°<br>Fahr-<br>heit). | Of the Air.   |              |                 |                         | Of<br>Dew<br>Point. | Difference between<br>the Air and<br>Dew Point<br>Temperature. |                         | Degree<br>of Hu-<br>midity<br>(Stru-<br>mer's<br>100°). | Of<br>Radiation. |                                   | Of the Water<br>of the Thames<br>at Deptford. |              | Osler's. |      |   | Pressure on the<br>Square Foot. |        | Robinson's.                    |   |               |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                            |                           |   | High-<br>est. | Low-<br>est. | Daily<br>Range. | Mean<br>daily<br>value. |                     | De-<br>parture<br>from<br>average<br>20 years.                 | Mean<br>daily<br>value. |   | Great-<br>est.   | Least.                            | High-<br>est.                                 | Low-<br>est. | A.M.     | P.M. |   | Great-<br>est.                  | Least. | Mean<br>of 24<br>hours<br>obs. | Horizontal<br>Movement<br>of the Air<br>on each<br>Day. | Miles.<br>111 | Miles.<br>-171 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
|                            |                           |   |               |              |                 |                         |                     |  |                         |   |                  |                                   |   |              |          |      |   |                                 |        |                                |   |               |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |    |
| NOVEMBER.                  |                           |   |               |              |                 |                         |                     |  |                         |   |                  |                                   |   |              |          |      |   |                                 |        |                                |   |               |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | </ |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metric Tables.

The average temperature of the air is that derived from a discussion of the photographic records at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Office Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The recording of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are: +, E. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.

The numbers in column 26 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The readings of the barometer increased to 29.61 in. by 9h. A.M. on the 13th; increased to 29.91 in. by 3h. P.M. on the 14th; decreased to 29.35 in. by 9h. A.M. on the 15th; increased to 29.98 in. by 3h. P.M. on the 16th; decreased to 29.39 in. by noon on the 17th.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

*Printed under the Superintendence of Her Majesty's Stationery Office,  
AND SOLD BY EYRE AND SPOTTISWOODE, 3, EAST HARDING ST., FETTER LANE, E.C.*

No. 47. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, NOVEMBER 24. [Price 1½d.

General Register Office, Somerset House,  
26th November, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·2 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.               | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|----------------------|--------------|-------------|-------------|-------------|
|              | Nov.<br>3.   | Nov.<br>10. | Nov.<br>17. | Nov.<br>24. |                      | Nov.<br>3.   | Nov.<br>10. | Nov.<br>17. | Nov.<br>24. |
| Birkenhead   | 11·5         | 19·8        | 19·3        | 18·2        | Liverpool -          | 19·1         | 21·5        | 22·2        | 21·1        |
| Birmingham   | 18·6         | 18·6        | 16·4        | 13·7        | London -             | 19·7         | 18·5        | 19·7        | 17·2        |
| Blackburn -  | 23·2         | 25·0        | 26·3        | 28·9        | Manchester -         | 24·0         | 25·5        | 24·7        | 25·2        |
| Bolton -     | 24·8         | 24·8        | 18·9        | 19·8        | Newcastle-upon-Tyne* | 29·9         | 25·6        | 21·7        | 23·6        |
| Bradford* -  | 15·2         | 15·4        | 19·3        | 19·1        | Norwich -            | 23·4         | 23·4        | 17·8        | 17·8        |
| Brighton -   | 10·0         | 15·2        | 12·6        | 16·5        | Nottingham -         | 14·0         | 12·2        | 16·3        | 17·2        |
| Bristol -    | 19·6         | 18·7        | 14·1        | 16·8        | Oldham -             | 19·3         | 22·7        | 22·3        | 22·7        |
| Cardiff*     | 19·7         | 23·5        | 29·3        | 26·4        | Plymouth -           | 14·1         | 17·5        | 22·8        | 19·5        |
| Derby -      | 13·6         | 20·6        | 16·3        | 9·8         | Portsmouth -         | 19·8         | 19·1        | 17·2        | 17·2        |
| Halifax -    | 15·0         | 15·0        | 18·9        | 24·7        | Preston -            | 23·7         | 24·8        | 19·7        | 21·2        |
| Huddersfield | 23·4         | 23·4        | 20·0        | 17·1        | Salford* -           | 21·7         | 20·3        | 18·0        | 20·3        |
| Hull -       | 17·0         | 12·9        | 16·8        | 12·4        | Sheffield -          | 22·2         | 16·1        | 20·1        | 16·2        |
| Leeds -      | 19·5         | 18·6        | 21·1        | 21·8        | Sunderland -         | 21·0         | 19·4        | 21·4        | 18·6        |
| Leicester*   | 19·9         | 14·6        | 14·9        | 13·2        | Wolverhampton -      | 17·2         | 14·0        | 24·3        | 14·0        |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·8 in Leeds, 2·6 in Liverpool, 3·0 in Oldham, 3·4 in Cardiff, and 4·8 in Blackburn; from *scarlet fever*, 1·3 in Sheffield, 1·6 in Derby, and 2·2 in Blackburn; from *whooping-cough*, 1·3 in Newcastle-upon-Tyne and 1·9 in Cardiff; and from "*fever*," 1·6 in Birkenhead. The 57 deaths from *diphtheria* in the twenty-eight towns included 41 in London, 6 in Manchester, 3 in Salford, and 2 in Newcastle-upon-Tyne. *Small-pox* caused one death in Cardiff, but not one in London or in any of the twenty-six other great towns.

### LONDON.

In LONDON† 2722 BIRTHS and 1409 DEATHS were registered. Allowing for increase of population, the births exceeded by 12, while the deaths were 370 below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·7, 18·5, and 19·7 in the preceding three weeks, fell last week to 17·2. During the first eight weeks of the current quarter the death-rate averaged 18·9 per 1000, and was 1·0 below the mean rate in the corresponding periods of the ten years 1878–87.

The 1409 deaths included 133 from measles, 20 from scarlet fever, 41 from diphtheria, 19 from whooping-cough, one from typhus, 15 from enteric fever, one

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



from an ill-defined form of continued fever, 18 from diarrhoea and dysentery, and not one from small-pox or cholera; thus, 248 deaths were referred to these diseases, being 27 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 9; and no small-pox patients were under treatment either in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital, during the week. The deaths from *measles*, which had risen from 88 to 124 in the previous three weeks, further increased to 133 last week, and exceeded the corrected average by 85; 9 belonged to the sanitary area of Kensington, 14 to Pancras (including 2 at 65, Little Albany Street, and 2 in Stanhope Street, the latter being returned, after inquest, as due to measles accelerated by vaccination performed three weeks previously to the attacks), 17 to Islington (including 2 at 18, Hatley Road, and 2 at 107, Wynford Road), 7 to Shoreditch, 6 to Bethnal Green, 11 to Mile End Old Town, 6 to Battersea (including 2 at 12, Sussex Street), and 9 to Wandsworth (including 2 at 16, Lower Grove). The fatal cases of *scarlet fever*, which had numbered 24, 18, and 31 in the preceding three weeks, were 20 last week, and 36 below the corrected average; 2 belonged to Hackney, 2 to Shoreditch, 2 to Lambeth, and 5 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum and the London Fever Hospitals contained 953 scarlet fever patients, against 969 and 980 in the preceding two weeks; 59 cases were admitted during the week, against 85 and 83 in the previous two weeks. The deaths from *diphtheria*, which had increased from 31 to 44 in the preceding four weeks, were 41 last week, exceeding the corrected average by 18; 2 belonged to Hammersmith, 2 to St. George Hanover Square, 4 to Westminster, 2 to Hackney, 4 to Bethnal Green, 3 to Stepney, 4 to Poplar, 2 to St. Saviour Southwark, 3 to Lambeth, and 3 to Camberwell sanitary areas. The deaths from *whooping-cough*, which had been 19, 15, and 17 in the previous three weeks, were 19 last week, and were 19 below the corrected average; 3 belonged to Paddington sanitary area. The deaths attributed to *diarrhoea* and *dysentery* corresponded with the corrected average, though slightly exceeding the number in the previous week.

The deaths referred to *enteric fever*, which had been 22, 14, and 15 in the preceding three weeks, were again 15 last week, and 9 below the corrected average; 2 belonged to Poplar sanitary area. There were 78 cases of enteric fever, and one of typhus, under treatment in the Metropolitan Asylum Hospitals on Saturday last; 11 cases of enteric fever having been admitted during the week, against 7, 9, and 11 in the preceding three weeks.

The deaths referred to diseases of the respiratory organs, which had fallen from 522 to 374 in the previous four weeks, further fell last week to 287, and were 198 below the corrected average.

An errand boy, of Barnes, aged 14 years, died in the West London Hospital, the cause of death being returned by the coroner as "Injury, causing hydrophobia."

Different forms of violence caused 43 deaths; 36 were the result of negligence or accident, among which were 11 from fractures and contusions, 8 from burns and scalds, 2 from drowning, and 14 of infants under one year of age from suffocation. The 11 deaths from fractures and contusions were thus caused:—4 by accidents from vehicles in the street; 1 by accident on railway; 3 by fall down stairs and otherwise; 2 by fall of heavy substances; and 1 by fracture, the nature of which was not stated. An inquest was held in each of these cases. Six cases of suicide were recorded, corresponding with the average.

#### GREATER LONDON.

In Greater London 3536 births and 1756 deaths were registered, corresponding to annual rates of 33·3 and 10·6 per 1000 of the estimated population. In the Outer Ring 29 deaths from measles, 6 from diphtheria, 4 from whooping-cough, 3 from "fever", and 3 from scarlet fever, were registered. Fifteen fatal cases of measles occurred in West Ham, 4 in Tottenham, and 2 in Sunbury sub-districts; 2 deaths from diphtheria were recorded in Godstone, and 2 from whooping-cough in Tottenham sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·87 ins.; the lowest reading was 29·61 ins. on Tuesday morning, and the highest 30·06 ins. on Friday evening. The mean temperature of the *air* was 49°·0, and 7°·8 above the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably above the average on each day of the week, the excess on Friday and Saturday being upwards of 11°. The general direction of the *wind* was W.S.W., and the horizontal movement of the air averaged 24·7 miles per hour, which was 12·2 miles above the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·11 of an inch. The duration of registered bright sunshine in the week was 6·2 hours, against 5·1 hours at Glynde Place, Lewes.

| CITIES<br>AND<br>BOROUGHES.   | COLS.   | Registered during<br>the Week ending<br>24th Nov., 1886.  |   | Deaths of<br>Persons aged<br>1 Year or<br>more<br>under<br>16 Years.  |   | Deaths from   |    |    |    |             |          |                   |             |                |                                      | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths |                     | TEMPERATURE OF THE AIR. |                     |        |       | RAINFALL.  |          | CITIES<br>AND<br>BOROUGHES. |            |           |  |
|---|---|---|---|---|---|---|----|----|----|-------------|----------|-------------------|-------------|----------------|--------------------------------------|--|---------------------|-------------------------|---------------------|--------|-------|------------|----------|-----------------------------|------------|-----------|--|
|   |   | 1.  | 2.  | 3.  | 4.  | 5.  | 6. | 7. | 8. | Deaths from |          |                   |             | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Unsettled<br>(Diseases in<br>Causas of Death).                       | From All<br>Causes. | From<br>Causas, 6-12.   | Lowest.             |        | Mean. | In Inches. | In Cent. |                             |            |           |  |
|   |   |   |   |   |   |   |    |    |    | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. |                |                                      |  |                     |                         | Whooping-<br>cough. | Fever. |       |            |          |                             | Diarrhoea. | Violence. |  |
| BIRTHS.   | DEATHS.   |   |   |   |   |   |    |    |    |             |          |                   |             |                |                                      |  |                     |                         |                     |        |       |            |          |                             |            |           |  |
| 28 TOWNS*<br>LONDON*<br>BRIGHTON<br>PORTSMOUTH<br>NORWICH<br>PLYMOUTH<br>BRISTOL<br>WOLVERHAMPTON<br>BIRMINGHAM<br>LEICESTER*<br>NOTTINGHAM*<br>DERBY<br>BIRKENHEAD<br>LIVERPOOL<br>BOLTON<br>MANCHESTER<br>SALFORD*<br>OLDHAM<br>BLACKBURN<br>PRESTON<br>HUDDESFIELD<br>HALEFAX<br>BRADFORD*<br>LEEDS<br>SHEFFIELD<br>HULL<br>SUNDERLAND<br>NEWCASTLE*<br>CARDIFF*<br>EDINBURGH<br>GLASGOW<br>DUBLIN | 9,398,273<br>4,282,921<br>119,983<br>139,575<br>98,675<br>77,674<br>226,510<br>81,691<br>447,912<br>146,700<br>230,921<br>96,241<br>100,093<br>569,738<br>113,606<br>378,164<br>226,336<br>138,220<br>119,039<br>103,234<br>91,419<br>80,138<br>229,721<br>351,210<br>321,711<br>202,359<br>131,919<br>129,721<br>143,063<br>108,570<br>262,733<br>526,088<br>368,082 | 5693<br>2722<br>54<br>102<br>48<br>58<br>124<br>45<br>257<br>77<br>146<br>64<br>55<br>319<br>75<br>508<br>144<br>75<br>79<br>76<br>33<br>38<br>121<br>197<br>176<br>126<br>72<br>129<br>73<br>140<br>371<br>232 | 3278<br>1409<br>38<br>46<br>32<br>29<br>73<br>22<br>118<br>37<br>76<br>18<br>35<br>242<br>43<br>183<br>88<br>60<br>66<br>42<br>12<br>30<br>38<br>84<br>147<br>100<br>48<br>47<br>72<br>72<br>73<br>71<br>175<br>175 | 825<br>342<br>11<br>15<br>8<br>7<br>20<br>6<br>35<br>13<br>16<br>4<br>9<br>51<br>16<br>36<br>25<br>16<br>10<br>22<br>12<br>10<br>8<br>12<br>18<br>37<br>26<br>9<br>14<br>15<br>19<br>14<br>17<br>10<br>14<br>24<br>36<br>41 | 673<br>306<br>9<br>8<br>9<br>7<br>17<br>5<br>25<br>20<br>20<br>3<br>6<br>8<br>31<br>16<br>16<br>8<br>10<br>11<br>12<br>5<br>6<br>5<br>18<br>31<br>22<br>22<br>9<br>14<br>16<br>14<br>13<br>12<br>31<br>24<br>41 | 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|    |    |    |             |          |                   |             |                |                                      |  |                     |                         |                     |        |       |            |          |                             |            |           |  |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-SEVENTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2530 | 2374 | 2432 | 2401 | 2709 | 2482 | 2409 | 2422 | 2462 | 2632 | 2710·1   | 2722 |
| Males . .           | 1283 | 1199 | 1248 | 1221 | 1352 | 1310 | 1193 | 1243 | 1302 | 1365 | 1387·1   | 1354 |
| Females .           | 1247 | 1175 | 1184 | 1180 | 1357 | 1172 | 1211 | 1179 | 1160 | 1267 | 1323·0   | 1368 |
| <b>TOTAL Deaths</b> | 1547 | 1760 | 1521 | 1600 | 1681 | 1670 | 1521 | 1610 | 1543 | 1862 | 1779·1   | 1409 |
| Males . .           | 796  | 889  | 747  | 790  | 865  | 834  | 816  | 810  | 810  | 951  | 906·0  | 716  |
| Females .           | 751  | 871  | 774  | 810  | 816  | 836  | 705  | 800  | 733  | 911  | 873·1  | 693  |

\* The numbers in this column are the average weekly numbers in the forty-seventh weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |   |              | Sept.<br>1. | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. | Nov.<br>10. | Nov.<br>17. | Nov.<br>24. |     |
|--|---|--------------|-------------|-------------|--------------|--------------|--------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-----|
| <b>TOTAL Births</b>                      | - | -            | 2508        | 2475        | 2488         | 2463         | 2395         | 2413       | 2588        | 2459        | 2666        | 2373       | 2770        | 2606        | 2722        |     |
| <b>TOTAL Deaths</b>                      | - | -            | 1342        | 1316        | 1330         | 1298         | 1314         | 1352       | 1536        | 1641        | 1737        | 1613       | 1520        | 1619        | 1409        |     |
| 0-20                                     | - | -            | 730         | 701         | 666          | 650          | 663          | 676        | 720         | 777         | 849         | 770        | 769         | 825         | 724         |     |
| 20-40                                    | - | -            | 159         | 145         | 159          | 177          | 176          | 165        | 219         | 197         | 199         | 189        | 186         | 179         | 167         |     |
| 40-60                                    | - | -            | 208         | 205         | 225          | 233          | 199          | 238        | 264         | 297         | 293         | 275        | 227         | 284         | 212         |     |
| 60-80                                    | - | -            | 204         | 223         | 235          | 197          | 225          | 224        | 273         | 297         | 325         | 310        | 288         | 260         | 257         |     |
| at 80 years & upwds.                     | - | -            | 41          | 42          | 45           | 41           | 46           | 49         | 60          | 73          | 71          | 69         | 50          | 71          | 49          |     |
| Deaths of children                       | { | Under 1 year | -           | 441         | 426          | 407          | 385          | 395        | 370         | 388         | 397         | 423        | 383         | 400         | 377         | 342 |
|  |   | 1-5          | -           | 219         | 202          | 195          | 184          | 185        | 208         | 263         | 277         | 329        | 297         | 281         | 332         | 292 |
|  |   | 5-20         | -           | 70          | 73           | 64           | 81           | 88         | 98          | 69          | 103         | 97         | 90          | 83          | 116         | 90  |
| Deaths from Small-pox                    | - | -            | -           | -           | -            | -            | -            | -          | -           | -           | 1           | 1          | -           | -           | -           |     |
| " " Measles                              | - | -            | 39          | 26          | 27           | 32           | 30           | 39         | 50          | 80          | 100         | 88         | 109         | 124         | 133         |     |
| " " Scarlet fever                        | - | -            | 15          | 19          | 24           | 20           | 22           | 24         | 30          | 33          | 25          | 24         | 18          | 31          | 20          |     |
| " " Diphtheria                           | - | -            | 23          | 18          | 18           | 24           | 27           | 35         | 26          | 36          | 31          | 32         | 34          | 44          | 41          |     |
| " " Whooping-cough                       | - | -            | 24          | 32          | 31           | 22           | 13           | 5          | 18          | 12          | 18          | 19         | 15          | 17          | 19          |     |
| " " Typhus                               | - | -            | -           | -           | -            | -            | -            | 1          | -           | -           | -           | -          | -           | -           | 1           |     |
| " " Enteric fever                        | - | -            | 10          | 11          | 12           | 11           | 13           | 8          | 13          | 19          | 17          | 22         | 14          | 15          | 15          |     |
| " " Simple Cont'd fever                  | - | -            | 1           | 1           | 1            | -            | -            | -          | 1           | 1           | 2           | -          | -           | -           | 1           |     |
| " " Diarrhoea and Dysentery              | - | -            | 144         | 131         | 122          | 78           | 77           | 72         | 43          | 42          | 30          | 34         | 18          | 16          | 18          |     |
| " " Cholera                              | - | -            | 2           | 3           | 1            | 4            | -            | -          | 2           | -           | 1           | -          | -           | -           | -           |     |
| Deaths from the above-mentioned Diseases | } | -            | 258         | 241         | 236          | 191          | 182          | 134        | 183         | 223         | 225         | 220        | 208         | 247         | 248         |     |
| " " Dis. of Respiratory System           | } | -            | 130         | 148         | 184          | 179          | 213          | 239        | 311         | 364         | 522         | 441        | 373         | 374         | 287         |     |
| " " Phthisis                             | - | -            | 125         | 122         | 132          | 146          | 117          | 150        | 175         | 180         | 157         | 149        | 126         | 152         | 132         |     |
| " " Dis. of Circulatory System           | } | -            | 91          | 109         | 93           | 114          | 112          | 111        | 138         | 152         | 129         | 138        | 133         | 108         | 105         |     |
| Violent Deaths                           | - | -            | 53          | 32          | 61           | 69           | 61           | 51         | 60          | 51          | 57          | 59         | 50          | 60          | 43          |     |
| Inquest Cases                            | - | -            | 88          | 71          | 103          | 112          | 101          | 94         | 116         | 109         | 120         | 117        | 110         | 117         | 104         |     |
| Deaths in Public Institutions            | - | -            | 292         | 296         | 312          | 293          | 325          | 307        | 346         | 367         | 395         | 369        | 346         | 371         | 311         |     |
| TEMPERATURE OF THE AIR                   | - | -            | -           | -           | -            | -            | -            | -          | -           | -           | -           | -          | -           | -           | -           |     |
| Mean                                     | - | -            | 56·6        | 57·1        | 54·5         | 57·2         | 55·8         | 42·7       | 45·0        | 43·5        | 49·2        | 50·3       | 42·1        | 50·5        | 49·0        |     |
| Mean of Highest readings                 | - | -            | 66·4        | 65·9        | 66·3         | 66·3         | 65·2         | 52·6       | 54·7        | 53·4        | 58·5        | 54·7       | 47·0        | 55·4        | 53·4        |     |
| Mean of Lowest readings                  | - | -            | 48·4        | 51·2        | 44·7         | 50·0         | 49·9         | 33·5       | 36·2        | 34·4        | 40·6        | 46·7       | 37·7        | 45·2        | 44·9        |     |
| Humidity of the Air                      | - | -            | 81          | 83          | 83           | 81           | 90           | 82         | 79          | 87          | 89          | 92         | 86          | 89          | 81          |     |
| Rain-fall in inches                      | - | -            | 1·22        | 0·16        | 0·06         | 0·00         | 0·51         | 0·11       | 0·02        | 0·00        | 0·00        | 2·68       | 0·20        | 0·40        | 0·11        |     |
| Registered Sunshine (in hours)           | - | -            | 32·2        | 20·8        | 42·4         | 32·6         | 12·7         | 33·0       | 24·6        | 24·5        | 25·5        | 3·8        | 12·5        | 8·6         | 6·2         |     |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McIlansborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lvall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-SEVENTH Week of the Year 1888.

| CAUSES OF DEATH. |  | Corrected Averages for the 47th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 24th November 1888. |           |      |       |                  |                  |                  |                       |  |     | Corrected Averages for the 47th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 24th November 1888. |           |      |       |                  |                  |                  |                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|------------------|--|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|--|-----|---|--|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                  |  |   | Deaths of Persons of the Ages                    |           |      |       |                  |                  |                  |                       |  |     |   | Deaths of Persons of the Ages                    |           |      |       |                  |                  |                  |                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                  |  |   | ALL AGES.  | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |  |     |   | ALL AGES.  | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                  |  |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |  |     |   |  | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| ALL CAUSES -     |  | 1779.1  | 1400   | 342       | 292  | 90    | 167              | 212              | 237              | 49                    | Diseases of Organs of Special Senses † - | 1.9 | -   | -  | -         | -    | -     | -                | -                | -                | -                     | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).  
 \* The numbers in this column are the average weekly Deaths for the ten years 1878-87, raised by 9.046 per cent. for increase of population.  
 † As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.  
 ‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."  
 § The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  |  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>births during<br>the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|---|--|--|--|-------------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|
|   |  |  |  |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|   |  |  |  |                                     | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| LONDON . . . . .  |  | 3,815,704                                    | 2722                                   | 1409                                | 342                                       | 306                                 | -           | 133      | 20             | 41          | 19              | 1       | 15                             | 1                            | 18         | 43        | 104            | 31                                |
| West Districts . . . . .  |  | 669,633                                      | 421                                    | 247                                 | 59  | 55                                  | -           | 20       | 2              | 11          | 6               | -       | 1                              | -                            | 3          | 7         | 20             | 70                                |
| North Districts . . . . .   |  | 905,947                                      | 634                                    | 333                                 | 81  | 77                                  | -           | 39       | 4              | 9           | 3               | 1       | 3                              | -                            | 2          | 7         | 20             | 61                                |
| Central Districts . . . . .   |  | 282,238                                      | 162                                    | 95                                  | 27  | 19                                  | -           | 11       | -              | 2           | 1               | -       | 2                              | -                            | 1          | 8         | 13             | 23                                |
| East Districts . . . . .  |  | 692,738                                      | 533                                    | 310                                 | 87  | 51                                  | -           | 36       | 3              | 8           | 5               | -       | 5                              | -                            | 6          | 15        | 33             | 64                                |
| South Districts . . . . .   |  | 1,365,148                                    | 972                                    | 423                                 | 88  | 104                                 | -           | 27       | 10             | 11          | 4               | -       | 4                              | 1                            | 6          | 16        | 18             | 87                                |
| Metropolitan Asylum Hos-<br>pitals Outside Registration<br>London . . . . . |  | -  | -                                      | 1                                   | -   | -                                   | -           | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |
| WEST DISTRICTS.   |  |  |  |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| St. Mary Paddington WHH G.J. & W.M.   |  | 69888  | 41                                     | 22                                  | 5   | 2                                   | -           | 2        | -              | 1           | 1               | -       | -                              | -                            | -          | 1         | 3              | 1                                 |
| St. John Paddington H . . . . . G.J.  |  | 57330  | 13                                     | 15                                  | 2   | 6                                   | -           | -        | -              | 2           | 2               | -       | -                              | -                            | -          | 1         | 1              | 7                                 |
| Kensington Town Ww . . . . . W.M.   |  | 120141                                       | 86                                     | 55                                  | 15  | 14                                  | -           | 8        | -              | -           | 1               | -       | -                              | -                            | 2          | -         | 4              | 14                                |
| Brompton HII . . . . . W.M. & C.  |  | 43010  | 13                                     | 10                                  | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4                                 |
| St. Peter Hammersmith . . . . . W.M.  |  | 7699   | 2                                      | 4                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| St. Paul Hammersmith H W.M. & G.J.  |  | 64340  | 48                                     | 19                                  | 5   | 3                                   | -           | 2        | 2              | 2           | 1               | -       | -                              | -                            | -          | 1         | 2              | 3                                 |
| Fulham Ww . . . . . W.M. & C.   |  | 42900  | 62                                     | 25                                  | 6   | 5                                   | -           | 2        | -              | 2           | -               | -       | -                              | -                            | -          | -         | 1              | 7                                 |
| Chelsea South HHH . . . . . C.  |  | 80396  | 14                                     | 11                                  | 1   | 1                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | 10                                |
| Chelsea North-west WHHHHH . . . . . C.                                      |  | 24225  | 25                                     | 19                                  | 4   | 4                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 |
| Chelsea North-east . . . . . C.   |  | 32807  | 29                                     | 14                                  | 7   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| May Fair WW . . . . . G.J.  |  | 30333  | 6                                      | 9                                   | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 6                                 |
| Belgrave WHHH . . . . . C.  |  | 59220  | 31                                     | 20                                  | 3   | 7                                   | -           | -        | -              | 4           | -               | -       | -                              | -                            | -          | 3         | 3              | 8                                 |
| St. John Westminster HHH . . . . . C.                                       |  | 35498  | 17                                     | 8                                   | 3   | 1                                   | -           | 1        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | 1              | 1                                 |
| St. Margaret Westminster H . . . . . C.                                     |  | 24679  | 8                                      | 6                                   | 1   | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |
| St. James Westminster WHH N.R. & G.J.                                       |  | 29941  | 19                                     | 7                                   | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 |
| St. Anne Soho HHHHHHH . . . . . N.R.  |  | 16608  | 7                                      | 3                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| NORTH DISTRICTS.  |  |  |  |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| All Souls Marylebone HHHH . . . . . W.M.                                    |  | 26759  | 15                                     | 8                                   | 1   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4                                 |
| Cavendish Square HHHH . . . . . W.M.  |  | 14391  | 6                                      | 4                                   | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | 3                                 |
| Rectory Marylebone WH G.J. & W.M.   |  | 24809  | 9                                      | 7                                   | 4   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Mary Marylebone HHH G.J. & W.M.   |  | 21118  | 25                                     | 6                                   | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 |
| Christchurch Marylebone H . . . . . W.M.                                    |  | 33700  | 33                                     | 13                                  | 4   | 2                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 |
| St. John Marylebone H . . . . . W.M.  |  | 33653  | 18                                     | 14                                  | 5   | 3                                   | -           | 2        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Hampstead WwWHHHH N.R. & W.M.   |  | 45452  | 24                                     | 20                                  | 6   | 2                                   | -           | 2        | 1              | 1           | 1               | -       | -                              | -                            | 1          | -         | 2              | 3                                 |
| Regent's Park Paneras H . . . . . W.M.                                      |  | 39115  | 33                                     | 10                                  | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |
| Tottenham-court WHHHH N.R. & W.M.   |  | 27729  | 10                                     | 15                                  | 2   | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 10                                |
| Gray's Inn Lane HHH . . . . . N.R.  |  | 30247  | 21                                     | 7                                   | 1   | 2                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Somers Town H . . . . . N.R.  |  | 34369  | 28                                     | 10                                  | 3   | 2                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| Camden Town WH . . . . . N.R.   |  | 17311  | 9                                      | 14                                  | 2   | 6                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 11                                |
| Kentish Town W . . . . . N.R.   |  | 87497  | 49                                     | 28                                  | 6   | 4                                   | -           | 7        | -              | 1           | -               | 1       | -                              | -                            | -          | -         | -              | 2                                 |
| Upper Holloway WwWH . . . . . N.R.  |  | 67946  | 35                                     | 36                                  | 7   | 9                                   | -           | 4        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | 14                                |
| Islington South-west HH . . . . . N.R.                                      |  | 10076  | 83                                     | 39                                  | 14  | 8                                   | -           | 8        | -              | -           | 1               | 1       | -                              | -                            | -          | 1         | 1              | -                                 |
| Islington South-east . . . . . N.R.   |  | 61825  | 43                                     | 25                                  | 6   | 5                                   | -           | 5        | -              | -           | -               | 1       | -                              | -                            | -          | -         | -              | -                                 |
| Highbury H . . . . . N.R.   |  | 52048  | 27                                     | 12                                  | 8   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3              | -                                 |
| Stoke Newington H . . . . . N.R.  |  | 22781  | 15                                     | 12                                  | -   | 8                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2              | -                                 |
| Stamford Hill . . . . . E.L.  |  | 9277   | 10                                     | 1                                   | -   | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| West Hackney H . . . . . N.R.   |  | 37610  | 28                                     | 13                                  | 6   | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Hackney WwWH . . . . . E.L. & N.R.  |  | 76911  | 51                                     | 32                                  | 8   | 7                                   | -           | -        | 8              | 4           | -               | -       | 1                              | -                            | -          | 1         | 1              | 11                                |
| South Hackney . . . . . E.L.  |  | 39888  | 42                                     | 7                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| CENTRAL DISTRICTS.  |  |  |  |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| St. George Bloomsbury . . . . . N.R.  |  | 16681  | 5                                      | 3                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| St. Giles South WH . . . . . N.R.   |  | 14864  | 21                                     | 8                                   | 4   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 |
| St. Giles North . . . . . N.R.  |  | 13397  | 6                                      | 5                                   | -   | 1                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Martin-in-the-Fields HH N.R. & C.                                       |  | 17508  | 3                                      | 5                                   | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 3                                 |
| St. Mary-le-Strand H . . . . . N.R.   |  | 7515   | 3                                      | 6                                   | -   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Clement Danes H . . . . . N.R.  |  | 8559   | 3                                      | 9                                   | 3   | 1                                   | -           | -        | -              | -           | 1               | -       | 1                              | -                            | -          | 1         | 1              | 5                                 |
| Strand Union Workhouse, Edmonton w.   |  | -  | -                                      | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Geo.-the-Martyr HHHHHHH N.R.  |  | 18671  | 15                                     | 6                                   | 2   | -                                   | -           | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1              | 8                                 |
| St. Andrew Eastern W . . . . . N.R.   |  | 10706  | 9                                      | 8                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1                                 |
| Saffron Hill H . . . . . N.R.   |  | 6538   | 2                                      | 3                                   | 2   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. James Clerkenwell . . . . . N.R.  |  | 17516  | 11                                     | 2                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 |
| Amwell Clerkenwell . . . . . N.R.   |  | 19281  | 8                                      | 8                                   | 1   | 1                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | -                                 |
| Pentonville . . . . . N.R.  |  | 14773  | 15                                     | 6                                   | 5   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Goswell-street . . . . . N.R.   |  | 17508  | 8                                      | 5                                   | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |
| Old-street H . . . . . N.R.   |  | 11541  | 12                                     | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| City-road HHL . . . . . N.R.  |  | 18628  | 20                                     | 7                                   | 8   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 |
| Whitecross-street . . . . . N.R.  |  | 9217   | 6                                      | 3                                   | 2   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Finsbury . . . . . N.R.   |  | 7463   | 3                                      | 1                                   | -   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Holborn Union Workhouse, Mitcham, w.  |  | -  | -                                      | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Botolph H . . . . . N.R. & E.L.   |  | 11174  | 2                                      | 4                                   | 1   | 1                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Cripplegate . . . . . N.R.  |  | 7193   | 2                                      | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Sepulchre H . . . . . N.R.  |  | 5358   | -                                      | 11                                  | 1   | 1                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | 3         | 3              | 11                                |
| St. Bride W . . . . . N.R.  |  | 8396   | 4                                      | 2                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Allhallows Barking . . . . . N.R.   |  | 13666  | 4                                      | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Broad Street H . . . . . N.R.   |  | 4652   | -                                      | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., the Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and Kentish Company.

MR. DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
day, the 24th November, 1888.

|                                |         |                | The DEATHS registered in the Week include         |   |                                     |                                    |                                     |            |          |                |             |                 |         |                                |                              |            |           |    |   |   |                   |                                   |                                    |
|--------------------------------|---------|----------------|---|---|-------------------------------------|------------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----|---|---|-------------------|-----------------------------------|------------------------------------|
| REGISTRATION<br>SUB-DISTRICTS. |         |                | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Burials<br>during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                          |                                     |            |          |                |             |                 |         |                                |                              |            |           |    |   |   | Inquest<br>Cases. | Deaths in Public<br>Institutions. | Uncertified<br>Causes<br>of Death. |
|                                |         |                |   |   |                                     | Infants under<br>1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Euteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |    |   |   |                   |                                   |                                    |
| EAST DISTRICTS.                |         |                |   |   |                                     |                                    |                                     |            |          |                |             |                 |         |                                |                              |            |           |    |   |   |                   |                                   |                                    |
| Well Shoreditch                | -       | N.R. & E.L.    | 7376  | 5                                       | 5                                   | 12                                 | 10                                  | 12         | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -  | - |   |                   |                                   |                                    |
| Donard Shoreditch              | HL*     | - N.R.         | 14867   | 12                                      | 10                                  | 1                                  | 12                                  | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| on New Town w                  | -       | - N.R.         | 99937   | 26                                      | 20                                  | 6                                  | 7                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 5  | - |   |                   |                                   |                                    |
| on Old Town                    | -       | - N.R.         | 28086   | 15                                      | 9                                   | 2                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | -  | - |   |                   |                                   |                                    |
| erston WH                      | -       | - N.R. & E.L.  | 40276   | 27                                      | 15                                  | 3                                  | 4                                   | -          | 1        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | -  | - |   |                   |                                   |                                    |
| ney-road H-                    | -       | - E.L.         | 29738   | 17                                      | 15                                  | 6                                  | 3                                   | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1  | - |   |                   |                                   |                                    |
| Bethnal Green WHL*             | -       | - E.L.         | 47932   | 86                                      | 21                                  | 5                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3  | - |   |                   |                                   |                                    |
| ch, Bethnal Green              | -       | - E.L.         | 29981   | 29                                      | 6                                   | 4                                  | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1  | - |   |                   |                                   |                                    |
| Bethnal Green                  | -       | - E.L.         | 19310   | 17                                      | 5                                   | 1                                  | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| Fields                         | -       | - E.L. & N.R.  | 22685   | 9                                       | 5                                   | 1                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -  | - |   |                   |                                   |                                    |
| End New Town W                 | -       | - E.L.         | 14478   | 21                                      | 6                                   | -                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 5  | - |   |                   |                                   |                                    |
| ehapel Church H                | -       | - E.L. & N.R.  | 17490   | 14                                      | 19                                  | 2                                  | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | 4  | - |   |                   |                                   |                                    |
| man's Fields                   | -       | - E.L.         | 9713  | 4                                       | -                                   | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 13 | - |   |                   |                                   |                                    |
| to                             | -       | - N.R. & E.L.  | 6102  | 4                                       | 2                                   | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -  | - |   |                   |                                   |                                    |
| George's, North                | -       | - E.L.         | 88747   | 32                                      | 12                                  | 5                                  | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | -  | - |   |                   |                                   |                                    |
| hn, St. George East            | W       | - E.L.         | 8410  | 7                                       | 10                                  | 2                                  | 5                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 6  | - |   |                   |                                   |                                    |
| vell HH                        | -       | - E.L. & N.R.  | 10895   | 9                                       | 12                                  | 6                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3  | - |   |                   |                                   |                                    |
| n                              | -       | - E.L.         | 16107   | 7                                       | 5                                   | 1                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 10 | - |   |                   |                                   |                                    |
| house                          | -       | - E.L.         | 82041   | 25                                      | 12                                  | 6                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 1  | - |   |                   |                                   |                                    |
| End Old Town West              | -       | - E.L.         | 37960   | 26                                      | 16                                  | 6                                  | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| End Old Town East WWH-H        | -       | - E.L.         | 67653   | 48                                      | 53                                  | 9                                  | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 3  | - |   |                   |                                   |                                    |
| y                              | -       | - E.L.         | 37074   | 25                                      | 15                                  | 5                                  | 3                                   | -          | -        | -              | 2           | 1               | -       | -                              | -                            | -          | -         | 2  | 1 | - |                   |                                   |                                    |
| ey WWH-H                       | -       | - E.L.         | 64859   | 63                                      | 38                                  | 10                                 | 6                                   | -          | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | 2  | 4 | - |                   |                                   |                                    |
| r WWH                          | -       | - E.L.         | 68077   | 45                                      | 19                                  | 4                                  | 2                                   | -          | -        | -              | 2           | -               | -       | -                              | -                            | -          | 1         | 1  | - |   |                   |                                   |                                    |
| SOUTH DISTRICTS.               |         |                |   |   |                                     |                                    |                                     |            |          |                |             |                 |         |                                |                              |            |           |    |   |   |                   |                                   |                                    |
| church Southwark WH            | L. & S. | 13663          | 10  | 5                                       | 1                                   | -                                  | -                                   | -          | -        | -              | 2           | -               | -       | -                              | -                            | -          | 1         | 1  | - |   |                   |                                   |                                    |
| vious Southwark                | WH      | - S.           | 14999   | 11                                      | 5                                   | 1                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| oad                            | -       | - S. & L.      | 21381   | 24                                      | 9                                   | 2                                  | 2                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| gh-road WH                     | -       | - S. & L.      | 18933   | 16                                      | 6                                   | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| road HL                        | -       | - S. & S.      | 21318   | 11                                      | 3                                   | 1                                  | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| w Newington                    | -       | - S. & L.      | 26622   | 18                                      | 6                                   | 2                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| ry Walworth W                  | -       | - S. & L.      | 35655   | 53                                      | 16                                  | 5                                  | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2  | - |   |                   |                                   |                                    |
| ry Newington                   | -       | - L. & S.      | 21023   | 14                                      | 7                                   | 3                                  | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| ve WH                          | -       | - S.           | 11956   | 11                                      | 12                                  | -                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| ry Market                      | -       | - S. & L.      | 16300   | 11                                      | 3                                   | 1                                  | 1                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 11 | - |   |                   |                                   |                                    |
| ry Magdalen W                  | -       | - S.           | 15669   | 18                                      | 14                                  | 3                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| nes Bermondsey                 | -       | - S.           | 44083   | 86                                      | 12                                  | 2                                  | 2                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 6  | - |   |                   |                                   |                                    |
| ththe WH-                      | -       | - S. & K.      | 36024   | 17                                      | 12                                  | 5                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3  | - |   |                   |                                   |                                    |
| oo-road 1st H-                 | -       | - L. & S.      | 15195   | 11                                      | 1                                   | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| oo-road 2nd H-                 | -       | - L. & S.      | 16381   | 19                                      | 5                                   | 1                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| th Church 1st H                | -       | - L. & S.      | 18376   | 8                                       | 16                                  | 3                                  | 2                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1  | - |   |                   |                                   |                                    |
| th Church 2nd WH               | -       | - L. & S.      | 39939   | 31                                      | 17                                  | 2                                  | 9                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1  | - |   |                   |                                   |                                    |
| ngton 1st                      | -       | - S. & L.      | 45338   | 26                                      | 7                                   | 1                                  | 2                                   | -          | -        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | 2  | - |   |                   |                                   |                                    |
| ngton 2nd                      | -       | - S. & L.      | 35332   | 23                                      | 9                                   | 2                                  | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| n w                            | -       | - L. & S.      | 62337   | 87                                      | 16                                  | 1                                  | 7                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| od W                           | -       | - L.           | 19017   | 12                                      | 6                                   | 3                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| attersea                       | -       | - S.           | 54675   | 41                                      | 17                                  | 3                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| attersea WH-H                  | -       | - S.           | 52387   | 30                                      | 24                                  | 5                                  | 6                                   | -          | -        | -              | 5           | -               | -       | -                              | -                            | -          | -         | 1  | - |   |                   |                                   |                                    |
| m H-                           | -       | - S.           | 26380   | 24                                      | 7                                   | 3                                  | 3                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| worth WHL                      | -       | - S.           | 28004   | 29                                      | 22                                  | 4                                  | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| m                              | -       | - S.           | 18236   | 10                                      | 3                                   | 1                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| m                              | -       | - L.           | 25553   | 13                                      | 12                                  | 3                                  | 5                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| h                              | -       | - L. & S.      | 5590  | -                                       | -                                   | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| well WwL*L*                    | -       | - S. & L.      | 39104   | 29                                      | 53                                  | 3                                  | 12                                  | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| m W                            | -       | - S., L., & K. | 71089   | 67                                      | 22                                  | 6                                  | 6                                   | -          | -        | -              | 3           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| rge Camberwell-                | -       | - L. & S.      | 60810   | 39                                      | 10                                  | 1                                  | 2                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| l Deptford w                   | -       | - K.           | 76752   | 63                                      | 23                                  | 5                                  | 5                                   | -          | -        | -              | 4           | 2               | -       | -                              | -                            | -          | -         | 1  | - |   |                   |                                   |                                    |
| elas Deptford                  | -       | - K.           | 7901  | 8                                       | 3                                   | 2                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| ish West H                     | -       | - K.           | 21972   | 18                                      | 3                                   | 1                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| ish East WHH                   | -       | - K.           | 24608   | 50                                      | 14                                  | 1                                  | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| H                              | -       | - K.           | 2048  | 7                                       | 3                                   | 1                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| m WH                           | -       | - K.           | 21629   | 12                                      | 4                                   | -                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| m H                            | -       | - K.           | 19865   | 10                                      | 6                                   | 2                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| m H                            | -       | - L.           | 36076   | 19                                      | 5                                   | 1                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| m H-                           | -       | - K.           | 10980   | 4                                       | 2                                   | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| h Dockyard                     | -       | - K.           | 17617   | 10                                      | 3                                   | -                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| h Arsenal HH                   | -       | - K.           | 19048   | 18                                      | 3                                   | 2                                  | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| nd, West H                     | -       | - K.           | 14009   | 5                                       | 1                                   | 1                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| nd, East W                     | -       | - K.           | 15241   | 24                                      | 15                                  | 3                                  | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| tion Asylum Hospitals:         |         |                |   |   |                                     |                                    |                                     |            |          |                |             |                 |         |                                |                              |            |           |    |   |   |                   |                                   |                                    |
| ford w                         | -       | -              | -   | -                                       | -                                   | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| chmore Hill w                  | -       | -              | -   | -                                       | -                                   | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |
| etow w-                        | -       | -              | -   | -                                       | -                                   | -                                  | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -  | - |   |                   |                                   |                                    |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the table by w:—

Malone Infirmary in Kensington Town sub-district.  
 London Sick Asylum in Tottenham Court-road sub-district.  
 General Infirmary in Upper Holloway sub-district.  
 City Workhouse " Hackney sub-district.  
 " " Hoxton New Town sub-district.  
 " " Mile End Old Town Eastern sub-dist.  
 " " Mile End Old Town Eastern sub-dist.  
 " " Bromley sub-district.  
 Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during Week ending Saturday, 24th November, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 808     | 347     | 82  | 70                                  | -           | 29       | 3              | 6           | 4               | 3      | 8          | 15        | 23             | 36                                |
| 30: 1   | Carshalton wL -                | 12228  | 21118   | 10      | 4       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 5       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 37: 1   | Godstone (part of)* -          | 2754   | 1235  | -       | 2       | -   | -                                   | -           | -        | -              | 2           | -               | -      | -          | -         | -              | -                                 |
| 38: 1   | Croydon WwHHL -                | 20851  | 101941  | 62      | 80      | 5   | 12                                  | -           | 1        | -              | -           | 1               | -      | 1          | 4         | 5              | 6                                 |
| 2   | Mitcham w† -                   | 11697  | 17982   | 11      | 5       | 2   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 39: 1   | Wimbledon HHH -                | 3220   | 15950   | 16      | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Kingston WHH -                 | 8549   | 38354   | 16      | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Esher (part of)* -             | 6601   | 9221  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 4   | Hampton H -                    | 4573   | 18539   | 8       | 4       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 40: 1   | Richmond WH -                  | 2272   | 21302   | 11      | 4       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 2   | Mortlake -                     | 2941   | 12331   | 7       | 5       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | -                                 |
| 41: 1   | Bromley (pt. of)* HH           | 15639  | 31142   | 28      | 8       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |
| 2   | Chislehurst (pt. of)* WHH      | 14807  | 15844   | 13      | 5       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 42: 1   | Bexley H -                     | 13437  | 24134   | 24      | 12      | 4   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Dartford (Ww, pts. of)*        | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 124: 1  | Sunbury w -                    | 11055  | 11635   | 5       | 3       | 1   | -                                   | -           | 2        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Staines W -                    | 13277  | 12089   | 5       | 3       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 125: 1  | Hillingdon WHH -               | 6029   | 10302   | 7       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |
| 2   | Uxbridge -                     | 6178   | 3225  | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Hayes wHL -                    | 14537  | 11523   | 7       | 10      | 3   | 2                                   | -           | -        | -              | 1           | -               | -      | 1          | -         | 1              | 4                                 |
| 126: 1  | Isleworth WHH -                | 7008   | 22727   | 17      | 6       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Twickenham H -                 | 2477   | 12179   | 6       | 6       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Brentford HL -                 | 4345   | 27349   | 22      | 6       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 4   | Chiswick -                     | 1340   | 15975   | 7       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 5   | Acton wH -                     | 6193   | 22375   | 8       | 7       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |
| 127: 1  | Harrow H -                     | 13309  | 12795   | 8       | 4       | 1   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Edgware H -                    | 6994   | 3749  | 2       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Willesden -                    | 4383   | 37453   | 41      | 12      | 7   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |
| 4   | Hendon W -                     | 8382   | 10484   | 18      | 7       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4                                 |
| 127: 1  | Bushey -                       | 9331   | 6621  | 4       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Watford (W, pt. of)* -         | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 128: 1  | South Mimms -                  | 15599  | 6391  | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |
| 2   | Barnet -                       | 5433   | 10092   | 7       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Finchley HL -                  | 4838   | 17615   | 14      | 5       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 2              | 2                                 |
| 135: 1  | Hatfield (part of)* -          | 3806   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 129: 1  | Hornsey H -                    | 3039   | 37078   | 43      | 8       | 4   | -                                   | -           | 1        | -              | -           | 1               | -      | -          | 1         | 1              | -                                 |
| 2   | Tottenham H -                  | 4642   | 46456   | 55      | 24      | 8   | 2                                   | -           | 4        | -              | -           | 2               | 1      | -          | 2         | 4              | 1                                 |
| 3   | Edmonton Ww†                   | 7483   | 23433   | 20      | 12      | 1   | 2                                   | -           | -        | 1              | -           | -               | -      | -          | -         | 1              | 2                                 |
| 4   | Enfield WH -                   | 12653  | 19104   | 21      | 12      | 1   | 2                                   | -           | 1        | -              | 1           | -               | 1      | -          | -         | -              | 2                                 |
| 5   | Waltham Abbey -                | 11017  | 33663   | 6       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 6   | Cheshunt -                     | 8490   | 7755  | 7       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 136: 1  | Stratford -                    | 392  | 38806   | 36      | 9       | 2   | 3                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | West Ham wwwwH‡                | 7351   | 101033  | 126     | 69      | 16  | 3                                   | -           | 15       | 1              | 1           | -               | 1      | 3          | 3         | 4              | 1                                 |
| 3   | Leyton WwL -                   | 4372   | 33430   | 37      | 22      | 3   | 10                                  | -           | -        | 1              | -           | -               | -      | -          | -         | -              | 10                                |
| 4   | Walthamstow H -                | 6520   | 28869   | 35      | 9       | 3   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |
| 137: 1  | Chigwell (part of)* H          | 11761  | 9839  | 10      | 3       | 2   | 1                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Epping (W, pt. of)* -          | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 139: 1  | Romford (part of)* W           | 6730   | 3411  | 2       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Ilford -                       | 8493   | 7645  | 6       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Barking Town -                 | 4127   | 9203  | 9       | 1       | -   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashstead and Headley (pop. 1265); 37: 1, the parishes of Warlingham and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Cliffe and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 247); 135: 1, the parish of Northaw in Havering sub-district; 137: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 475); 149: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Wandsworth Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 24th November, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |                                   |  |  |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|--|--|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |  |  |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year of<br>Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |  |  |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |                                   |  |  |
| TER LONDON                | 448,334  | 5,527,886                                      | 16.6  | 2.8                                   | 1756                             | 424                                       | 376  | -           | 162      | 23                | 47          | 23                  | 20     | 26         | 58        | 347 |  |                                   |  |  |
| NER LONDON -              | 77,410   | 4,282,921                                      | 17.2  | 3.0                                   | 1400                             | 342                                       | 306  | -           | 133      | 20                | 41          | 19                  | 17     | 18         | 43        | 311 |  |                                   |  |  |
| TER RING -                | 370,924  | 1,244,965                                      | 14.5  | 2.2                                   | 347                              | 82  | 70   | -           | 29       | 3                 | 6           | 4                   | 3      | 8          | 15        | 36  |  |                                   |  |  |

RE.—The area of Greater London is 448,334 acres: of which 4,892 acres are tidal water and foreshore. This area is equal to 652 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                             | POPULATION<br>(enumerated<br>or<br>estimated). | DATE<br>OF RETURN.<br>Week ending | BIRTHS.<br>Exclusive of | DEATHS.<br>Stillborn. | ANNUAL<br>DEATH-<br>RATE<br>per 1000<br>living. | DEATHS FROM<br>EPIDEMIC DISEASES.                     |
|-------------------------------------|--|-----------------------------------|-------------------------|-----------------------|---|---|
| CALCUTTA - -                        | 433,219  | October 13                        | -                       | 238                   | 28.6  | Fevers 65; cholera 41.                                |
| BOMBAY - -                          | 773,196  | " 30                              | 381                     | 429                   | 24.7  | Fevs. 151; diar. dis. 20.                             |
| MADRAS - -                          | 398,777  | " 12                              | 27 <sup>6</sup>         | 247                   | 32.2  | Fevers 61; cholera 10;<br>diarr. dis. 35.             |
| PARIS - - -                         | 2,260,945                                      | November 17                       | 1079                    | 873                   | 20.1  | Typd. fev. 11; diph. and<br>croup 28; small-pox 6.    |
| BRUSSELS " -<br>(with 8 Faubourgs.) | 462,069  | " 17                              | 268                     | 180                   | 20.3  | Measles 6; typh. & typhd.<br>fevs. 3; diar. dis. 19.  |
| AMSTERDAM -                         | 390,016  | " 17                              | 283                     | 160                   | 21.3  | Diphtheria 5; croup 6.                                |
| ROTTERDAM -                         | 193,658  | " 17                              | 137                     | 77                    | 20.6  | -   |
| THE HAGUE -                         | 149,477  | " 17                              | 125                     | 62                    | 21.6  | -   |
| COPENHAGEN -                        | 300,000  | " 13                              | 191                     | 111                   | 19.3  | Scar. fev. 2; whooping-<br>cough 2.                   |
| STOCKHOLM -                         | 221,549  | " 10                              | 151                     | 75                    | 17.6  | Scar. fev. 4; typ. & typd.<br>fever 2; diar. dis. 15. |
| CHRISTIANIA -                       | 135,090  | " 17                              | 56                      | 41                    | 15.7  | Diphtheria and croup 6.                               |
| ST. PETERSBURG                      | 842,883  | " 10                              | -                       | 418                   | 25.9  | Typhus & typhd. fev. 17;<br>sc. fev. 11; sm.-pox 3.   |
| BERLIN - - -                        | 1,438,006                                      | " 3                               | 882                     | 500                   | 17.9  | Diphtheria 22; meas. 8;<br>scar. fev. 6.              |
| HAMBURG(State)                      | 550,694  | " 10                              | 830                     | 206                   | 19.5  | Diphtheria and croup 17;<br>typhus and typd. fev. 2.  |
| DRESDEN - -                         | 259,142  | " 10                              | 172                     | 83                    | 16.7  | Diphtheria and croup 6.                               |
| BRESLAU - -                         | 313,451  | " 17                              | 206                     | 171                   | 29.0  | Diphtheria 15; scarlet<br>fever 3.                    |
| MUNICH - - -                        | 275,000  | " 10                              | 207                     | 135                   | 25.5  | Diphtheria and croup 3;<br>diarr. dis. 24.            |
| VIENNA - - -                        | 800,836  | " 10                              | 494                     | 359                   | 23.3  | Diphtheria 9; scarlet<br>fever 8.                     |
| PRAGUE - - -                        | 295,857  | " 10                              | -                       | 164                   | 28.9  | Small-pox 16; diph. 7;<br>scarlet fever 2.            |
| BUDA-PESTH -                        | 442,787  | " 10                              | 280                     | 227                   | 26.7  | Typhus. & typhd. fev. 8;<br>diph. 4; croup 5.         |
| TRIESTE - - -                       | 156,042  | " 10                              | -                       | 84                    | 28.0  | Small-pox 10.   |
| ROME - - - -                        | 388,300  | September 29                      | 239                     | 150                   | 20.2  | Typhd. fev. 6; malarial<br>fev. 7; diar. dis. 29.     |
| TURIN (11 days)                     | 594,826  | October 31                        | 247                     | 204                   | 23.0  | Typhoid fev. 4; diph. 3;<br>small-pox 1.              |
| VENICE - - -                        | 150,502  | November 3                        | 81                      | 65                    | 22.5  | Diarrhoeal dis. 9.                                    |
| CAIRO - - - -                       | 374,838  | " 1                               | 452                     | 318                   | 44.3  | Typd. fv. 14; diar. dis. 117.                         |
| ALEXANDRIA -                        | 231,396  | " 1                               | 197                     | 183                   | 41.3  | Diarrhoeal dis. 56.                                   |
| NEW YORK - -                        | 1,493,000                                      | " 3                               | -                       | 630                   | 22.0  | Diph. 39; scar. fev. 21;<br>typhoid fever 6.          |
| BROOKLYN - -                        | 774,870  | " 3                               | -                       | 289                   | 18.7  | Diph. 16; scar. fev. 6;<br>typhoid fever 12.          |
| PHILADELPHIA -                      | 1,016,758                                      | " 3                               | -                       | 323                   | 16.6  | Diph. 10; scar. fev. 11;<br>typhoid fever 13.         |
| BALTIMORE - -                       | 431,879  | " 3                               | -                       | 152                   | 18.4  | Diph. 5; typd. fev. 4.                                |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 24TH NOVEMBER, 1888.

[Under the Superintendence of the Astronomer Royal.]

| Under the Superintendence of the Astronomer, Registrar. |    |   |           |                                |             |   |                   |   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|---|----|---|-----------|--------------------------------|-------------|---|-------------------|---|--------|---------------------------|--------------------------|--------------------|------------|-----------------------------------|-------------|--------------------|------------------|--|------------------|---|----|----|----|----|----|
| 1888.   |    | TEMPERATURE.                            |           |                                |             | TEMPERATURE.                                      |                   |   |        | TEMPERATURE.              |                          |                    |            | Wind as deduced from Anemometers. |             |                    |                  | Rain collected in a Gauge whose surface is 5 inches above the level of Ground. |                  | Ozone.                                    |    |    |    |    |    |
| Month and Day.  |    | Of the Air.                             |           | Of the Dew Point.              |             | Difference between Air Temperature and Dew Point. |                   | Of the Radiation.   |        | Of the Water at Deptford. |                          | General Direction. |            | Pressure on the Square Foot.      |             | Robinson's.        |                  | Horizontal Movement of the Air on each Day.                                    |                  | Depar- ture from Average of the 10 Years. |    |    |    |    |    |
|   |    | High. est.                              | Low. est. | Daily Range.                   | Mean value. | De- parture from average value.                   | Mean daily value. | Great. est.   | Least. | Ratio equals 100.         | High- est in Sun's rays. | Low- est in Grass. | A.M.       | P.M.                              | Great. est. | Least. hourly obs. | Sum of 24 hours. | Mean of each Day.  | Sum of 10 Years. | Depar- ture from Average of the 10 Years. |    |    |    |    |    |
| NOVEMBER.   |    | Full                                    |           | Apogee.                        |             | ..  |                   | ..  |        | ..                        |                          | ..                 |            | ..                                |             | ..                 |                  | ..   |                  | ..  |    |    |    |    |    |
| SUN.  | 18 | 53.5                                    | 44.9      | 8.6                            | 49.0        | + 7.5   | 46.5              | 2.5   | 6.6    | 91                        | 75.0                     | 39.6               | WSW. 1     | WSW. & SW.                        | ..          | ..                 | ..               | ..   | 402              | +103                                      |    |    |    |    |    |
| MON.  | 19 | 54.1                                    | 49.8      | 4.3                            | 52.2        | +10.8   | 47.4              | 4.8   | 6.0    | 84                        | 64.7                     | 44.0               | WSW. & SW. | WSW.                              | ..          | ..                 | ..               | ..   | 541              | +241                                      |    |    |    |    |    |
| TUES.   | 20 | 53.7                                    | 40.0      | 13.7                           | 44.1        | + 2.8   | 38.3              | 7.8   | 13.0   | 74                        | 39.4                     | 32.0               | WSW. & W.  | WSW. & W.                         | ..          | ..                 | ..               | ..   | 695              | +394                                      |    |    |    |    |    |
| WED.  | 21 | 49.0                                    | 39.4      | 9.6                            | 44.4        | + 3.2   | 37.5              | 6.9   | 9.9    | 77                        | 32.1                     | 31.3               | WSW. & W.  | W. & WSW.                         | ..          | ..                 | ..               | ..   | 555              | +254                                      |    |    |    |    |    |
| THURS.  | 22 | 53.1                                    | 42.1      | 11.0                           | 48.9        | + 7.8   | 42.7              | 6.2   | 9.0    | 79                        | 38.6                     | 34.4               | WSW.       | WSW.                              | ..          | ..                 | ..               | ..   | 618              | +318                                      |    |    |    |    |    |
| FRI.  | 23 | 55.8                                    | 49.1      | 6.7                            | 52.4        | +11.4   | 47.6              | 4.8   | 7.5    | 84                        | 65.0                     | 43.8               | SW.        | WSW. & SW.                        | ..          | ..                 | ..               | ..   | 615              | +316                                      |    |    |    |    |    |
| SAT.  | 24 | 54.7                                    | 49.0      | 5.7                            | 52.3        | +11.3   | 45.7              | 6.6   | 7.5    | 78                        | 46.6                     | 44.0               | SW.        | WSW.                              | ..          | ..                 | ..               | ..   | 728              | +430                                      |    |    |    |    |    |
| MEANS   |    | 53.4                                    | 44.9      | 8.5                            | 49.0        | + 7.8   | 43.4              | 5.7   | 8.5    | 81                        | 63.3                     | 38.4               | WSW.       |                                   | ..          | ..                 | ..               | ..   | Sum 4154         | +2056                                     |    |    |    |    |    |
| No. of Col.   | 3  | 4                                       | 5         | 6                              | 7           | 8   | 9                 | 10  | 11     | 12                        | 13                       | 14                 | 15         | 16                                | 17          | 18                 | 19               | 20   | 21               | 22  | 23 | 24 | 25 | 26 | 27 |
| DATE.   |    | ELECTRICITY.                            |           | Registered Sunshine, in hours. |             | Sun above Horizon, in hours.                      |                   | GENERAL REMARKS.  |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
| NOVEMBER.   |    | (For explanation of symbols, see Note.) |           |                                |             |   |                   |   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
| SUNDAY  | 18 |   |           | 1.0                            |             | 8.7   |                   | Overcast and showery in morning; fine with light clouds prevalent in afternoon; cloudy at night.  |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
| MONDAY  | 19 |   |           | 0.0                            |             | 8.6   |                   | Overcast. Brisk wind.   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
| TUESDAY   | 20 |   |           | 5.1                            |             | 8.6   |                   | Overcast and showery in morning; fine and partially cloudy till evening; cloudless at night. Strong wind.   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
| WEDNESDAY   | 21 | Instrument under adjustment.            |           | 0.0                            |             | 8.5   |                   | Fine and partially cloudy in morning; overcast with occasional slight rain in afternoon; generally cloudless, but hazy and misty, at night. Brisk wind. Generally cloudy till evening; variable at night. Breezy.   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
| THURSDAY  | 22 |   |           | 0.0                            |             | 8.5   |                   | Overcast generally till evening; variable amounts of cloud at night. Windy. Very mild.  |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
| FRIDAY  | 23 |   |           | 0.1                            |             | 8.4   |                   | Variable amounts of light cloud prevailed in early morning; overcast afterwards. Windy. Very mild.  |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
| SAURDAY   | 24 |   |           | 0.0                            |             | 8.4   |                   |   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             | Sum   |                   | Sum   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             |   |                   | The height of the cistern of the barometer is 139 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.  |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             |   |                   | Observations are usually taken at 9h. A.M.; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hydro-metrical Tables. |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             |   |                   | The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1868, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             |   |                   | In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.  |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             |   |                   | The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             |   |                   | The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. variable.  |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             |   |                   | The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             |   |                   | The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |
|   |    |   |           |                                |             |   |                   | The reading of the barometer increased from 29.83 in. at the beginning of the week to 29.87 in. at the end of the week, and the 25th barometer was increased to 29.96 in.   |        |                           |                          |                    |            |                                   |             |                    |                  |  |                  |   |    |    |    |    |    |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,  
3rd December, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 17·8 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |            | TOWNS.             | Weeks ending |             |             |            |
|--------------|--------------|-------------|-------------|------------|--------------------|--------------|-------------|-------------|------------|
|              | Nov.<br>10.  | Nov.<br>17. | Nov.<br>24. | Dec.<br>1. |                    | Nov.<br>10.  | Nov.<br>17. | Nov.<br>24. | Dec.<br>1. |
| Birkenhead   | 19·8         | 19·3        | 18·2        | 19·3       | Liverpool -        | 21·5         | 22·2        | 21·1        | 23·5       |
| Birmingham   | 18·6         | 16·4        | 13·7        | 18·3       | London -           | 18·5         | 19·7        | 17·2        | 16·5       |
| Blackburn -  | 25·0         | 26·2        | 28·9        | 26·7       | Manchester         | 25·5         | 24·7        | 25·2        | 21·2       |
| Bolton       | 24·8         | 18·9        | 19·8        | 23·0       | Newcastle-on-Tyne* | 25·6         | 21·7        | 23·6        | 22·3       |
| Bradford*    | 15·4         | 19·3        | 19·1        | 14·3       | Norwich -          | 23·4         | 17·8        | 17·8        | 16·2       |
| Brighton -   | 15·2         | 12·6        | 16·5        | 13·5       | Nottingham         | 12·2         | 16·3        | 17·2        | 13·8       |
| Bristol -    | 18·7         | 14·1        | 16·8        | 18·2       | Oldham -           | 22·7         | 22·3        | 22·7        | 25·7       |
| Cardiff*     | 23·5         | 29·3        | 26·4        | 27·9       | Plymouth -         | 17·5         | 22·8        | 19·5        | 19·5       |
| Derby -      | 20·6         | 16·3        | 9·8         | 16·8       | Portsmouth         | 19·1         | 17·2        | 17·2        | 14·2       |
| Halifax      | 15·0         | 18·9        | 24·7        | 21·5       | Preston -          | 24·8         | 19·7        | 21·2        | 18·2       |
| Huddersfield | 23·4         | 20·0        | 17·1        | 18·3       | Salford*           | 20·3         | 18·0        | 20·3        | 14·8       |
| Hull -       | 12·9         | 16·8        | 12·4        | 13·2       | Sheffield -        | 16·1         | 20·1        | 16·2        | 17·7       |
| Leeds -      | 18·6         | 21·1        | 21·8        | 20·8       | Sunderland         | 19·4         | 21·4        | 18·6        | 17·4       |
| Leicester*   | 14·6         | 14·9        | 13·2        | 13·9       | Wolverhampton      | 14·0         | 24·3        | 14·0        | 16·6       |

The highest annual death-rates, measured by last week's mortality, were:—from *measles*, 1·7 in London and in Huddersfield, 1·9 in Oldham, 2·1 in Leeds, 3·3 in Liverpool, 4·8 in Blackburn, and 8·6 in Cardiff; from *scarlet fever*, 1·3 in Blackburn; and from "*fever*," 1·0 in Birkenhead, 1·1 in Oldham, and 1·3 in Halifax. The death-rate from *whooping-cough* did not reach 1·0 per 1000 in any of the twenty-eight towns. The 53 deaths from *diphtheria* in these towns included 34 in London, 8 in Manchester, 3 in Liverpool, 2 in Nottingham, and 2 in Oldham. Two deaths from *small-pox* were registered in Cardiff, and one in Sheffield, but not one in London or in any of the twenty-five other great towns. The death from small-pox in Sheffield occurred on 20th December 1887, but was not registered until last week.

## LONDON.

In LONDON† 2367 BIRTHS and 1352 DEATHS were registered. Allowing for increase of population, the births were 372, and the deaths 412, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 19·7 and 17·2 in the two preceding weeks, further declined last week to 16·5. During the first nine weeks of the current quarter the death-rate averaged 18·7 per 1000, and was 1·4 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1352 deaths included 141 from measles, 24 from scarlet fever, 34 from diphtheria, 20 from whooping-cough, 11 from enteric fever, 1 from an undefined form of continued fever, 13 from diarrhoea and dysentery, 1 from cholera, and not one from small-pox or from typhus; thus, 245 deaths were referred to these diseases, being 22 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 10; and no small-pox patients were under treatment during the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had increased in the four preceding weeks from 88 to 133, further rose last week to 141, and exceeded the corrected average by 86; 7 belonged to Kensington, 7 to Chelsea, 8 to Pancras, 16 to Islington, 7 to Shoreditch, 12 to Bethnal Green (including 3 at 28, Charlotte Buildings), 8 to Mile End Old Town, 14 to Lambeth, and 7 to Battersea sanitary areas. The deaths from *scarlet fever*, which had been 18, 31, and 20 in the three previous weeks, were 24 last week, and were 32 below the corrected average; 3 belonged to St. Luke's, 2 to Shoreditch, 2 to Whitechapel, 3 to Poplar, and 4 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum and the London Fever Hospitals contained 946 scarlet fever patients, against 980 and 953 in the two preceding weeks; 96 cases were admitted during the week, against 83 and 59 in the two previous weeks. The fatal cases of *diphtheria*, which had been 44 and 41 in the two preceding weeks, further declined last week to 34, but exceeded the corrected average by 16; 2 belonged to Kensington, 3 to Hammersmith, 4 to St. George Hanover Square, 4 to Westminster, 3 to Bethnal Green, and 5 to Lambeth sanitary areas. The 20 deaths from *whooping-cough* showed a further slight increase upon the low numbers in recent weeks, but were 20 below the corrected average; 4 belonged to Lambeth sanitary area. The deaths attributed to *diarrhoea* and *dysentery*, which had been 16 and 18 in the two previous weeks, declined last week to 13, and were one below the corrected average. The death of a child, aged 5 months, was referred to *cholera infantum*.

The deaths referred to *enteric fever*, which had been 15 in each of the two preceding weeks, declined last week to 11, and were 14 below the corrected average; 2 belonged to Islington and 2 to Bethnal Green sanitary area. The death of a male aged 59 years in Kensington was indefinitely referred to *continued fever*. The Metropolitan Asylum Hospitals contained 77 cases of enteric fever and 1 of typhus on Saturday last; 7 cases of enteric fever were admitted during the week, against 11 in each of the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had declined in the five preceding weeks from 522 to 287, further fell last week to 258, and were 227 below the corrected average.

Different forms of violence caused 54 deaths; 47 were the result of negligence or accident, among which were 20 from fractures and contusions, 8 from burns and scalds, 3 from drowning, and 10 of infants under one year of age from suffocation. The 20 deaths from fractures and contusions were thus caused:—4 by accidents from vehicles in street; 1 by accident on railway; 1 by fall from scaffold; 1 by fall from ladder; 1 by fall in street; 7 by fall down stairs or steps; 1 by fall into area; 1 by fall out of bed; 1 by fall into bone-crushing machine; 1 by fall, the nature of which was not stated; and 1 by fall of deals. An inquest was held in each of these 20 cases. Six cases of suicide were registered, corresponding with the corrected average.

#### GREATER LONDON.

In Greater London 3068 births and 1678 deaths were registered, corresponding to annual rates of 29·0 and 15·8 per 1000 of the estimated population. In the Outer Ring 16 deaths from measles, 7 from diphtheria, and 5 from whooping-cough, were registered. Seven fatal cases of measles occurred in West Ham sub-district, and 2 of diphtheria in Willesden and in Tottenham sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·37 ins.; the highest reading was 29·91 ins. at the beginning of the week, and the lowest 29·07 ins. on Tuesday afternoon. The mean temperature of the *air* was 45°·7, and 4°·7 above the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess on each day of the week, except on Saturday, when it corresponded with the average. The direction of the *wind* was variable, and the horizontal movement of the *air* averaged 15·3 miles per hour, which was 2·9 miles above the average in the corresponding weeks of 16 years. *Rain* fell on six days of the week, to the aggregate amount of 1·77 of an inch. The duration of registered bright sunshine in the week was 6·0 hours, against 6·2 hours at Glynde Place, Lewes.

TABLE 1.—Births, Deaths, and Meteorology in 28 Great Towns, during the week ending 1st December, 1888.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>estimated at<br>the middle of<br>1888. |      | Registered during<br>the Week ending<br>1st Dec., 1888. |     | The DEATHS registered in the Week include   |                                    |            |          |                   |             |                     |        |            |           | TEMPERATURE OF THE AIR. |                                      |                                 |  |          | RAINFALL.   |             | CITIES<br>AND<br>BOROUGHES. |            |                      |     |     |     |    |    |    |    |    |    |    |    |    |   |     |     |       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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|                             | 1.   | 2.   | 3.  | 4.  | Deaths of                                   |                                    | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases.          | Deaths in<br>Public<br>Institutions. | Uncertified<br>Causes of Death. | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths |          | Mean.       |             |                             | In Inches. | In Centi-<br>metres. |     |     |     |    |    |    |    |    |    |    |    |    |   |     |     |       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|                             |  |      |   |     | Persons aged<br>60 Years<br>and<br>upwards. | Infants under<br>1 Year of<br>Age. |            |          |                   |             |                     |        |            |           |                         |                                      |                                 | Lowest.  | Highest. | Fahrenheit. | Centigrade. |                             |            |                      |     |     |     |    |    |    |    |    |    |    |    |    |   |     |     |       |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Cols.                       |  |      |   |     |   |                                    |            |          |                   |             |                     |        |            |           |                         |                                      |                                 |  | 18.      | 17.         | 16.         | 15.                         | 14.        | 13.                  | 12. | 11. | 10. | 9. | 8. | 7. | 6. | 5. | 4. | 3. | 2. | 1. |   | 23. | 24. | Cols. |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 28 TOWNS*                   | 9,398,273  | 5327 | 3210  | 789 | 610   | 3                                  | 264        | 59       | 53                | 56          | 47                  | 44     | 115        | 222       | 545                     | 64                                   | 178                             | 29   | 58.1     | 1.47        | 3.73        | -                           | -          | -                    | -   | -   | -   | -  | -  | -  | -  | -  | -  | -  | -  | -  | - | -   | -   | -     | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-EIGHT Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2427 | 2530 | 2442 | 2508 | 2535 | 2423 | 2587 | 2656 | 2414 | 2599 | 2739·4   | 2367 |
| Males . .           | 1235 | 1320 | 1256 | 1280 | 1315 | 1289 | 1327 | 1398 | 1242 | 1307 | 1408·8   | 1180 |
| Females .           | 1192 | 1210 | 1186 | 1228 | 1220 | 1184 | 1260 | 1258 | 1172 | 1292 | 1330·6   | 1187 |
| <b>TOTAL Deaths</b> | 1624 | 1802 | 1446 | 1460 | 1605 | 1655 | 1716 | 1544 | 1618 | 1705 | 1763·8   | 1852 |
| Males . .           | 813  | 893  | 733  | 734  | 863  | 889  | 864  | 815  | 812  | 846  | 895·5  | 685  |
| Females .           | 811  | 909  | 713  | 726  | 742  | 816  | 852  | 729  | 806  | 859  | 868·3  | 657  |

\*The numbers in this column are the average weekly numbers in the forty-eighth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Sept.<br>8. | Sept.<br>15. | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. | Nov.<br>10. | Nov.<br>17. | Nov.<br>24. | Dec.<br>1. |
|--|-------------|--------------|--------------|--------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|
| <b>TOTAL Births</b> - -                    | 2475        | 2488         | 2463         | 2395         | 2413       | 2588        | 2459        | 2666        | 2373       | 2770        | 2606        | 2722        | 2367       |
| <b>TOTAL Deaths</b> - -                    | 1316        | 1330         | 1298         | 1314         | 1352       | 1536        | 1641        | 1737        | 1613       | 1520        | 1619        | 1409        | 1352       |
| 0-20 - -                                   | 701         | 666          | 650          | 668          | 676        | 720         | 777         | 849         | 770        | 769         | 825         | 724         | 701        |
| 20-40 - -                                  | 145         | 159          | 177          | 176          | 165        | 219         | 197         | 199         | 189        | 186         | 179         | 167         | 164        |
| 40-60 - -                                  | 205         | 225          | 233          | 199          | 238        | 264         | 297         | 293         | 275        | 227         | 234         | 212         | 217        |
| 60-80 - -                                  | 223         | 235          | 197          | 225          | 224        | 273         | 297         | 325         | 310        | 288         | 260         | 257         | 223        |
| at 80 years & upwds.                       | 42          | 45           | 41           | 46           | 49         | 60          | 73          | 71          | 69         | 50          | 71          | 49          | 47         |
| Deaths of children { Under 1 year -        | 426         | 407          | 385          | 395          | 370        | 388         | 397         | 423         | 383        | 400         | 377         | 342         | 327        |
| { 1-5 - -                                  | 202         | 195          | 184          | 185          | 208        | 268         | 297         | 329         | 297        | 281         | 332         | 292         | 288        |
| { 5-20 - -                                 | 73          | 64           | 81           | 88           | 98         | 69          | 103         | 97          | 90         | 88          | 116         | 90          | 86         |
| Deaths from Small-pox -                    | -           | -            | -            | -            | -          | -           | -           | 1           | 1          | -           | -           | -           | -          |
| " " Measles -                              | 26          | 27           | 32           | 30           | 39         | 50          | 80          | 100         | 88         | 109         | 124         | 133         | 141        |
| " " Scarlet fever -                        | 19          | 24           | 20           | 22           | 24         | 30          | 83          | 25          | 24         | 18          | 31          | 20          | 24         |
| " " Diphtheria -                           | 18          | 18           | 24           | 27           | 35         | 26          | 36          | 31          | 32         | 34          | 44          | 41          | 34         |
| " " Whooping-cough -                       | 32          | 31           | 22           | 13           | 5          | 18          | 12          | 18          | 19         | 15          | 17          | 19          | 20         |
| " " Typhus -                               | -           | -            | -            | -            | 1          | -           | -           | -           | -          | -           | -           | 1           | -          |
| " " Enteric fever -                        | 11          | 12           | 11           | 13           | 8          | 13          | 19          | 17          | 22         | 14          | 15          | 15          | 11         |
| " " Simple Contag. fever -                 | 1           | 1            | -            | -            | -          | 1           | 1           | 2           | -          | -           | -           | 1           | 1          |
| " " Diarrhoea and Dysentery -              | 131         | 122          | 78           | 77           | 72         | 43          | 42          | 30          | 34         | 18          | 16          | 18          | 13         |
| " " Cholera -                              | 3           | 1            | 4            | -            | -          | 2           | -           | 1           | -          | -           | -           | -           | 1          |
| Deaths from the above-mentioned Diseases - | 241         | 236          | 191          | 182          | 184        | 183         | 223         | 225         | 220        | 208         | 247         | 248         | 245        |
| " " Dis. of Respiratory System -           | 148         | 184          | 179          | 213          | 239        | 311         | 364         | 522         | 441        | 373         | 374         | 287         | 258        |
| " " Phthisis -                             | 122         | 132          | 146          | 117          | 150        | 175         | 180         | 157         | 149        | 126         | 152         | 132         | 136        |
| " " Dis. of Circulatory System -           | 109         | 93           | 114          | 112          | 111        | 138         | 152         | 129         | 138        | 133         | 108         | 105         | 96         |
| Violent Deaths - -                         | 32          | 61           | 69           | 61           | 51         | 60          | 51          | 57          | 59         | 50          | 60          | 43          | 54         |
| Inquest Cases - -                          | 71          | 103          | 112          | 101          | 94         | 116         | 109         | 120         | 117        | 110         | 117         | 105         | 103        |
| Deaths in Public Institutions -            | 296         | 312          | 293          | 325          | 307        | 346         | 367         | 395         | 369        | 346         | 371         | 311         | 311        |
| TEMPERATURE OF THE AIR                     |             |              |              |              |            |             |             |             |            |             |             |             |            |
| Mean - -                                   | 57·1        | 54·5         | 57·2         | 55·8         | 42·7       | 45·0        | 43·5        | 49·2        | 50·3       | 42·1        | 50·5        | 49·0        | 45·7       |
| Mean of Highest readings -                 | 65·9        | 66·3         | 66·3         | 65·2         | 52·6       | 54·7        | 53·4        | 58·5        | 54·7       | 47·0        | 55·4        | 53·4        | 49·6       |
| Mean of Lowest readings -                  | 51·2        | 44·7         | 50·0         | 49·9         | 33·5       | 36·2        | 34·4        | 40·6        | 46·7       | 37·7        | 45·2        | 44·9        | 41·6       |
| Humidity of the Air - -                    | 83          | 83           | 81           | 90           | 82         | 79          | 87          | 89          | 92         | 86          | 89          | 81          | 89         |
| Rain-fall in inches - -                    | 0·16        | 0·06         | 0·00         | 0·51         | 0·11       | 0·02        | 0·00        | 0·00        | 2·68       | 0·20        | 0·40        | 0·11        | 1·77       |
| Registered Sunshine (in hours) -           | 20·8        | 42·4         | 32·6         | 12·7         | 33·0       | 24·6        | 24·5        | 25·5        | 3·8        | 12·5        | 8·6         | 6·2         | 6·0        |

\*The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McLandsborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FORTY-EIGHTH Week of the Year 1888.

| CAUSES OF DEATH.                               | Corrected Averages for the 48th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 1st December 1888. |           |      |       |                  |                  |                  |                       | CAUSES OF DEATH.  | Corrected Averages for the 48th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 1st December 1888. |           |      |       |                  |                  |                  |                       |
|--|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|---|---|---|-----------|------|-------|------------------|------------------|------------------|-----------------------|
|  |   | Deaths of Persons of the Ages                   |           |      |       |                  |                  |                  |                       |   |   | Deaths of Persons of the Ages                   |           |      |       |                  |                  |                  |                       |
|  |   | ALL AGES.                                       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |   | ALL AGES.                                       | Under 20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |
|  |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |   |   |   | 0-1.      | 1-5. | 5-20. |                  |                  |                  |                       |
| ALL CAUSES - -                                 | 1763.8  | 1352  | 327       | 288  | 86    | 164              | 217              | 223              | 47                    | Diseases of Organs of Special Sense † - -                     | 3.7   | 5   | 2         | -    | -     | 3                | -                | -                | -                     |
| Small-pox { Vaccinated† - - - - -              | 9.8   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Circulatory System - - - - -                      | 123.9   | 96  | 2         | 1    | 5     | 18               | 30               | 34               | 6                     |
| Unvaccinated - - - - -                         |   | -   | -         | -    | -     | -                | -                | -                | -                     | Croup - - - - -   | 17.2  | 12  | 2         | 8    | 2     | -                | -                | -                | -                     |
| No Statement - - - - -                         |   | -   | -         | -    | -     | -                | -                | -                | -                     | Bronchitis - - - - -  | 300.3   | 141   | 44        | 34   | 2     | 5                | 15               | 37               | 4                     |
| Measles - - - - -                              | 55.1  | 141   | 27        | 104  | 10    | -                | -                | -                | -                     | Pneumonia - - - - -   | 118.5   | 73  | 21        | 29   | 1     | 7                | 5                | 10               | -                     |
| Scarlet Fever - - - - -                        | 55.4  | 24  | 2         | 15   | 7     | -                | -                | -                | -                     | Pleurisy - - - - -  | 7.6   | 5   | 1         | 1    | -     | 2                | -                | 1                | -                     |
| Typhus - - - - -                               | 1.6   | -   | -         | -    | -     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - -                    | 41.2  | 27  | 12        | 8    | 1     | 1                | 2                | 2                | 1                     |
| Relapsing Fever† - - - - -                     | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Dentition † - - - - -   | 11.8  | 6   | 3         | 3    | -     | -                | -                | -                | -                     |
| Influenza - - - - -                            | 0.1   | -   | -         | -    | -     | -                | -                | -                | -                     | Quinsy, Sore Throat † -                                       | 1.4   | 3   | -         | 2    | -     | -                | 1                | -                | -                     |
| Whooping-cough - - - - -                       | 40.0  | 27  | 8         | 10   | 2     | -                | -                | -                | -                     | Enteritis - - - - -   | 5.2   | 9   | 5         | -    | 2     | -                | 1                | 1                | -                     |
| Diphtheria - - - - -                           | 17.9  | 34  | 2         | 19   | 12    | 1                | -                | -                | -                     | Peritonitis - - - - -   | 6.9   | 9   | -         | 1    | -     | 1                | 5                | 2                | -                     |
| Simple Continued and Ill-defined Fever - - -   | 2.8   | 1   | -         | -    | -     | 1                | -                | -                | -                     | Diseases of Liver - - -                                       | 30.5  | 25  | 2         | -    | -     | 2                | 13               | 7                | 1                     |
| Enteric Fever - - - - -                        | 25.3  | 11  | -         | -    | 5     | 4                | 2                | -                | -                     | Other Diseases of Digestive System -                          | 28.8  | 17  | 6         | -    | 1     | 1                | 4                | 5                | -                     |
| Cholera - - - - -                              | 0.3   | 1   | 1         | -    | -     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - - - - | 1.6   | 3   | -         | -    | -     | 8                | -                | -                |                       |
| Diarrhea, Dysentery - -                        | 14.0  | 13  | 7         | 1    | -     | 1                | 4                | -                | -                     | Diseases of Urinary System - - - - -                          | 86.7  | 31  | 2         | 3    | 2     | 3                | 16               | 5                | -                     |
| Remittent Fever† - - - -                       | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Generative System - - - - -                       | 6.0   | 3   | -         | -    | -     | 2                | 1                | -                | -                     |
| Hydrophobia - - - - -                          | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth -                                     | 3.4   | 3   | -         | -    | -     | 3                | -                | -                | -                     |
| Glanders - - - - -                             | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Locomotive System † - - - - -                     | 8.6   | 11  | -         | -    | 4     | 1                | 3                | 3                | -                     |
| Cowpox and Effects of Vaccination † - - - -    | 0.4   | -   | -         | -    | -     | -                | -                | -                | -                     | Diseases of Integumentary System - - - - -                    | 5.9   | 4   | 1         | 1    | -     | -                | 1                | 1                | -                     |
| Veneral Affections - - -                       | 11.3  | 9   | 5         | 1    | -     | -                | 3                | -                | -                     | VIOLENT DEATHS.‡  |   |   |           |      |       |                  |                  |                  |                       |
| Erysipelas - - - - -                           | 9.4   | 5   | 1         | -    | -     | -                | 3                | 1                | -                     | ACCIDENT.)  |   |   |           |      |       |                  |                  |                  |                       |
| Pyæmia and Septicæmia †                        | 2.8   | 3   | 2         | -    | 1     | -                | -                | -                | -                     | Fracture and Contusion -                                      | 22.8  | 20  | -         | 1    | 4     | 3                | 6                | 5                | 1                     |
| Puerperal Fever - - - - -                      | 7.1   | 3   | -         | -    | 1     | 2                | -                | -                | -                     | Gunshot Wound - - - -   | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |
| Other Zymotic Diseases †                       | 1.6   | 2   | 1         | 1    | -     | -                | -                | -                | -                     | Cut, Stab - - - - -   | 0.8   | -   | -         | -    | -     | 1                | -                | -                | -                     |
| Thrush - - - - -                               | 1.0   | -   | -         | -    | -     | -                | -                | -                | -                     | Burn and Scald - - - -  | 7.1   | 8   | 1         | 6    | -     | -                | -                | -                | -                     |
| Worms and other Parasitical Diseases - - - - - | 0.2   | -   | -         | -    | -     | -                | -                | -                | -                     | Poison - - - - -  | 2.1   | 1   | -         | 1    | -     | -                | -                | -                | -                     |
| Starvation, Want of Breast-milk † - - - - -    | 1.8   | 1   | 1         | -    | -     | -                | -                | -                | -                     | Drowning - - - - -  | 4.4   | 3   | 1         | -    | -     | 1                | 1                | -                | -                     |
| Alcoholism - - - - -                           | 4.9   | 6   | -         | -    | -     | 6                | -                | -                | -                     | Suffocation - - - - -   | 15.4  | 10  | 10        | -    | -     | -                | -                | -                | -                     |
| Rheumatic Fever, Rheumatism of Heart†          | 11.6  | 1   | -         | -    | 1     | -                | -                | -                | -                     | Otherwise - - - - -   | 2.5   | 4   | 2         | 2    | -     | -                | -                | -                | -                     |
| Rheumatism † - - - - -                         | 2.1   | 1   | -         | -    | 1     | -                | -                | -                | -                     | (HOMICIDE.)   |   |   |           |      |       |                  |                  |                  |                       |
| Gout - - - - -                                 | 3.8   | 4   | -         | -    | -     | -                | 3                | -                | -                     | Murder & Manslaughter   | 2.0   | 1   | 1         | -    | -     | -                | -                | -                | -                     |
| Rickets † - - - - -                            | 3.6   | 1   | -         | 1    | -     | -                | -                | -                | -                     | (SUICIDE.)  |   |   |           |      |       |                  |                  |                  |                       |
| Cancer - - - - -                               | 50.9  | 67  | -         | -    | 5     | 27               | 31               | 4                | -                     | Gunshot Wound - - - -   | 0.5   | 2   | -         | -    | -     | 2                | -                | -                | -                     |
| Tabs Mesenterica - - - -                       | 22.9  | 12  | 8         | 2    | 2     | -                | -                | -                | -                     | Cut, Stab - - - - -   | 0.8   | 1   | -         | -    | -     | 1                | -                | -                | -                     |
| Tubercular Meningitis - -                      | 22.2  | 20  | 6         | 10   | 4     | -                | -                | -                | -                     | Poison - - - - -  | 1.1   | -   | -         | -    | -     | -                | -                | -                | -                     |
| Phthisis - - - - -                             | 176.2   | 133   | 3         | 6    | 11    | 76               | 34               | 6                | -                     | Drowning - - - - -  | 1.0   | 2   | -         | -    | -     | 1                | 1                | -                | -                     |
| Scrophula, Tuberculosis -                      | 15.4  | 10  | 5         | 2    | 2     | -                | 1                | -                | -                     | Hanging - - - - -   | 1.4   | 1   | -         | -    | -     | -                | 1                | -                | -                     |
| Other Constitutional Diseases †                | 8.5   | 10  | 2         | -    | 1     | 3                | -                | 4                | -                     | Otherwise - - - - -   | 0.7   | -   | -         | -    | -     | -                | -                | -                | -                     |
| Premature Birth - - - - -                      | 36.3  | 34  | 34        | -    | -     | -                | -                | -                | -                     | (EXECUTION.)  |   |   |           |      |       |                  |                  |                  |                       |
| Atelectasis † - - - - -                        | 3.0   | 1   | 1         | -    | -     | -                | -                | -                | -                     | Hanging - - - - -   | 0.0   | -   | -         | -    | -     | -                | -                | -                | -                     |
| Congenital Malformations -                     | 9.1   | 6   | 6         | -    | -     | -                | -                | -                | -                     | OTHER CAUSES † - - -  | 60.2  | 57  | 50        | 2    | 2     | -                | -                | 2                | 1                     |
| Old Age - - - - -                              | 60.2  | 41  | -         | -    | -     | -                | 21               | 20               | -                     |   |   |   |           |      |       |                  |                  |                  |                       |
| Apoplexy - - - - -                             | 48.2  | 32  | -         | 2    | 1     | 3                | 12               | 13               | 1                     |   |   |   |           |      |       |                  |                  |                  |                       |
| Epilepsy - - - - -                             | 6.3   | 7   | 1         | -    | -     | -                | 4                | 2                | -                     |   |   |   |           |      |       |                  |                  |                  |                       |
| Convulsions - - - - -                          | 50.1  | 27  | 23        | 1    | -     | -                | -                | -                | -                     |   |   |   |           |      |       |                  |                  |                  |                       |
| Other Diseases of Brain and Nervous System     | 89.6  | 74  | 10        | 10   | 1     | 7                | 16               | 23               | 7                     |   |   |   |           |      |       |                  |                  |                  |                       |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.04 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated," or as "unvaccinated," which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquests is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

| The DEATHS registered in the Week include                                   |   |                                     |                                     |                                    |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |
|---|---|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|-----|-----|----------------|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Deaths during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                          |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |     |     | Inquest Cases. | Deaths in Public<br>Institutions. |
|   |   |                                     |                                     | Infants under<br>1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |     |     |                |                                   |
|   |   |                                     |                                     |                                    |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |
| LONDON . . . . .  | 3,815,704   | 2367                                | 1352                                | 327                                | 270                                 | -           | 141      | 24             | 34          | 20              | -       | 11                             | 1                            | 13         | 54        | 103 | 311 |                |                                   |
| West Districts . . . . .  | 559,553   | 333                                 | 231                                 | 51                                 | 46                                  | -           | 25       | 1              | 13          | 1               | -       | 1                              | 1                            | -          | 10        | 21  | 65  |                |                                   |
| North Districts . . . . .   | 905,947   | 521                                 | 300                                 | 63                                 | 69                                  | -           | 30       | 8              | 4           | 3               | -       | 5                              | -                            | 8          | 13        | 21  | 79  |                |                                   |
| Central Districts . . . . .   | 282,238   | 147                                 | 87                                  | 24                                 | 20                                  | -           | 9        | 1              | 2           | 3               | -       | 1                              | -                            | -          | 4         | 9   | 24  |                |                                   |
| East Districts . . . . .  | 692,738   | 499                                 | 271                                 | 63                                 | 52                                  | -           | 37       | 5              | 6           | 3               | -       | 2                              | -                            | -          | 8         | 20  | 72  |                |                                   |
| South Districts . . . . .   | 1,265,148   | 662                                 | 453                                 | 126                                | 83                                  | -           | 40       | 9              | 9           | 10              | -       | 2                              | -                            | 5          | 20        | 29  | 73  |                |                                   |
| METROPOLITAN ASYLUM HOS-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -   | -                                   | -                                   | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| WEST DISTRICTS.   |   |                                     |                                     |                                    |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |
| St. Mary Paddington WHH G.J. & W.M.   | 69888   | 27                                  | 22                                  | 7                                  | 3                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 3   |                |                                   |
| St. John Paddington H - - G.J.  | 87380   | 8                                   | 16                                  | 3                                  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 3         | 4   | 8   |                |                                   |
| Kensington Town WH - - W.M.   | 120141  | 57                                  | 49                                  | 11                                 | 11                                  | -           | 7        | -              | 2           | -               | -       | 1                              | 1                            | -          | 3         | 4   | 13  |                |                                   |
| Brompton HH - - W.M. & C.   | 43010   | 15                                  | 6                                   | 1                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 1   | -   |                |                                   |
| St. Peter Hammersmith - - W.M.  | 7599  | 2                                   | 3                                   | 1                                  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. Paul Hammersmith H W.M. & G.J.  | 64340   | 51                                  | 25                                  | 6                                  | 7                                   | -           | 3        | 1              | 3           | -               | -       | -                              | -                            | -          | 1         | 1   | 1   |                |                                   |
| Fulham WH - - W.M. & C.   | 42900   | 53                                  | 21                                  | 4                                  | 7                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | 8   |                |                                   |
| Chelsea South HHH - - C.  | 30396   | 11                                  | 12                                  | 2                                  | 2                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 3   |                |                                   |
| Chelsea North-west WHHHH - C.   | 24925   | 18                                  | 8                                   | -                                  | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 1   |                |                                   |
| Chelsea North-east - - C.   | 32807   | 19                                  | 14                                  | 6                                  | 1                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| May Fair WH - - G.J.  | 30353   | 9                                   | 8                                   | 2                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 6   |                |                                   |
| Belgrave WHH - - C.   | 59220   | 22                                  | 18                                  | 2                                  | 1                                   | -           | 1        | -              | 4           | -               | -       | -                              | -                            | -          | 1         | 3   | 10  |                |                                   |
| St. John Westminster HHH - C.   | 35496   | 21                                  | 12                                  | 3                                  | -                                   | -           | -        | -              | 2           | 1               | -       | -                              | -                            | -          | -         | -   | 3   |                |                                   |
| St. Margaret Westminster H - C.   | 24679   | 10                                  | 5                                   | -                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. James Westminster WHH N.R. & G.J.                                       | 29941   | 10                                  | 7                                   | 1                                  | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 4   | 2   |                |                                   |
| St. Anne Soho HHHHHH - N.R.   | 16608   | 5                                   | 5                                   | 2                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| NORTH DISTRICTS.  |   |                                     |                                     |                                    |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |
| All Souls Marylebone HHHH - W.M.  | 26759   | 10                                  | 10                                  | 2                                  | 1                                   | -           | 1        | -              | 1           | -               | -       | 1                              | -                            | -          | 1         | 1   | 3   |                |                                   |
| Cavendish Square HHHH - W.M.  | 14391   | 6                                   | 2                                   | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Rectory Marylebone WH G.J. & W.M.   | 24809   | 17                                  | 5                                   | 3                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118   | 18                                  | 3                                   | 1                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Christchurch Marylebone H - W.M.  | 38700   | 16                                  | 12                                  | 4                                  | 3                                   | -           | 2        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | -   | -   |                |                                   |
| St. John Marylebone H - W.M.  | 33633   | 23                                  | 10                                  | 4                                  | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Hampstead WHHHH N.R. & W.M.   | 45452   | 24                                  | 9                                   | 3                                  | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -   |                |                                   |
| Regent's Park Pancras H - W.M.  | 39115   | 15                                  | 8                                   | 3                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Tottenham-court WHHHH N.R. & W.M.   | 27729   | 5                                   | 14                                  | -                                  | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | 9   |                |                                   |
| Gray's Inn Lane HHH - N.R.  | 30247   | 14                                  | 6                                   | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | 3   |                |                                   |
| Somerset Town H - N.R.  | 34389   | 22                                  | 11                                  | 2                                  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 2   | -   |                |                                   |
| Camden Town WH - N.R.   | 17311   | 9                                   | 17                                  | 1                                  | 12                                  | -           | 2        | -              | 2           | -               | -       | -                              | -                            | 1          | 2         | 2   | 13  |                |                                   |
| Kentish Town WH - N.R.  | 87487   | 56                                  | 53                                  | 6                                  | 12                                  | -           | 4        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1   | 5   |                |                                   |
| Upper Holloway WHWH - N.R.  | 67946   | 53                                  | 36                                  | 3                                  | 8                                   | -           | 6        | -              | -           | -               | -       | 1                              | -                            | 2          | 1         | 1   | 16  |                |                                   |
| Islington South-west HH - N.R.  | 100976  | 64                                  | 51                                  | 7                                  | 5                                   | -           | 7        | -              | -           | -               | -       | 1                              | -                            | -          | 3         | 1   | -   |                |                                   |
| Islington South-east - N.R.   | 61825   | 31                                  | 19                                  | 3                                  | 1                                   | -           | 3        | -              | -           | 1               | -       | -                              | -                            | 1          | 1         | 4   | -   |                |                                   |
| Highbury H - N.R.   | 52048   | 31                                  | 11                                  | 2                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   |                |                                   |
| Stoke Newington H - N.R.  | 22781   | 10                                  | 4                                   | 1                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Stamford Hill - E.L.  | 9277  | 5                                   | 3                                   | 1                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| West Hackney H - N.R.   | 37610   | 18                                  | 10                                  | 3                                  | 1                                   | -           | 1        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -   | 1   |                |                                   |
| Hackney WHWHH - E.L. & N.R.   | 73911   | 55                                  | 39                                  | 6                                  | 7                                   | -           | 2        | 8              | 2           | -               | -       | 1                              | -                            | -          | 3         | 5   | 22  |                |                                   |
| South Hackney - E.L.  | 39888   | 19                                  | 7                                   | 4                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | -   |                |                                   |
| CENTRAL DISTRICTS.  |   |                                     |                                     |                                    |                                     |             |          |                |             |                 |         |                                |                              |            |           |     |     |                |                                   |
| St. George Bloomsbury - N.R.  | 16631   | 5                                   | 2                                   | -                                  | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. Giles South WH - N.R.   | 14864   | 8                                   | 5                                   | 4                                  | 1                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. Giles North - N.R.  | 13837   | 1                                   | 1                                   | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508   | 3                                   | 8                                   | 1                                  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 5   |                |                                   |
| St. Mary-le-Strand H - N.R.   | 7515  | 6                                   | 7                                   | 1                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. Clement Danes H - N.R.  | 8559  | 3                                   | 6                                   | -                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2   | 3   |                |                                   |
| Strand Union Workhouse, Edmonton W.   | -   | -                                   | 1                                   | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. Geo.-the-Martyr HHHHHH N.R.   | 18671   | 9                                   | 6                                   | 2                                  | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1   | 8   |                |                                   |
| St. Andrew Eastern W - N.R.   | 10706   | 7                                   | 5                                   | -                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | 1   |                |                                   |
| Saffron Hill H - N.R.   | 6583  | 1                                   | 2                                   | -                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. James Clerkenwell - N.R.  | 17516   | 12                                  | 3                                   | 1                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Amwell Clerkenwell - N.R.   | 19281   | 8                                   | 5                                   | 2                                  | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -   |                |                                   |
| Pentonville - N.R.  | 14773   | 13                                  | 6                                   | 1                                  | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -   |                |                                   |
| Goswell-street - N.R.   | 17509   | 13                                  | 3                                   | 2                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1   | -   |                |                                   |
| Old-street H - N.R.   | 11541   | 10                                  | 2                                   | 1                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| City-road HHL - N.R.  | 18628   | 25                                  | 9                                   | 5                                  | 1                                   | -           | 2        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1   | -   |                |                                   |
| Whitecross-street - N.R.  | 9217  | 7                                   | 5                                   | 1                                  | 1                                   | -           | -        | 1              | 1           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Finsbury - N.R.   | 1493  | 3                                   | 4                                   | 8                                  | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Holborn Union Workhouse, Mitcham W.   | -   | -                                   | 1                                   | -                                  | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. Botolph H - N.R. & E.L.   | 11174   | 4                                   | 2                                   | -                                  | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Cripplegate - N.R.  | 7193  | 2                                   | 1                                   | -                                  | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| St. Sepulchre H - N.R.  | 5358  | 4                                   | 10                                  | -                                  | 2                                   | -           | -        | -              | 1           | -               | -       | 1                              | -                            | -          | -         | -   | 9   |                |                                   |
| St. Bride W - N.R.  | 8395  | 3                                   | -                                   | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |
| Abchurch-lane Barking - N.R.  | 13866   | -                                   | 3                                   | -                                  | 1                                   | -           | -        | -              | -           | -               | 1       | -                              | -                            | -          | 1         | 1   | -   |                |                                   |
| Broad Street H - N.R.   | 6652  | -                                   | -                                   | -                                  | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -   | -   |                |                                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—W. House; H—Hospital; L—Lunatic Asylum; W—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N. R., New River; E. L., East London and Kent Company.

ER, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
Friday, the 1st December, 1888.

|                                |             | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Burials<br>during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths of                       |                                   |            |          |                |             |                 |         |                                |                              |            |           |   |  | Deaths in<br>Public<br>Institutions. | Uncertified<br>Causes<br>of Death. |
|--------------------------------|-------------|---|---|-------------------------------------|---------------------------------|-----------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|---|--|--------------------------------------|------------------------------------|
| REGISTRATION<br>SUB-DISTRICTS. |             |   |   |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwds. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. |   |  |                                      |                                    |
| EAST DISTRICTS.                |             |   |   |                                     |                                 |                                   |            |          |                |             |                 |         |                                |                              |            |           |   |  |                                      |                                    |
| St Andrew's                    | N.R. & E.L. | 7376  | 5                                       | 2                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Leonard's                   | N.R.        | 14867   | 5                                       | 4                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St New Town                    | N.R.        | 24937   | 20                                      | 16                                  | 1                               | 5                                 | 9          | 1        | 1              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Old Town                    | N.R.        | 28036   | 16                                      | 11                                  | 2                               | 2                                 | 2          | 1        | 1              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St George's                    | N.R. & E.L. | 46276   | 31                                      | 20                                  | 9                               | 8                                 | -          | 3        | 3              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Key-road                    | E.L.        | 28738   | 19                                      | 15                                  | 5                               | -                                 | -          | 8        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Bethnal Green               | E.L.        | 47332   | 89                                      | 18                                  | 4                               | 5                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Bethnal Green               | E.L.        | 29631   | 23                                      | 16                                  | 5                               | 4                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Bethnal Green               | E.L.        | 19810   | 14                                      | 4                                   | -                               | -                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Alders                      | E.L. & N.R. | 22585   | 14                                      | 4                                   | 2                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St End New Town                | E.L.        | 15473   | 12                                      | 12                                  | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Techapel Church             | E.L. & N.R. | 17490   | 8                                       | 13                                  | -                               | 2                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St dman's Fields               | E.L.        | 9713  | 9                                       | 2                                   | 1                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St gate                        | N.R. & E.L. | 6102  | 2                                       | -                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St George's, North             | E.L.        | 38747   | 57                                      | 9                                   | 3                               | -                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St John, St. George East       | E.L.        | 8410  | 3                                       | 8                                   | 1                               | 3                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St well, HH                    | E.L. & N.R. | 10822   | 9                                       | 7                                   | -                               | -                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St H                           | E.L.        | 26107   | 10                                      | 4                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ehouse                      | E.L.        | 32041   | 31                                      | 13                                  | 5                               | 1                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St End Old Town West           | E.L.        | 21160   | 25                                      | 13                                  | 4                               | 2                                 | -          | 4        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St End Old Town East           | E.L.        | 67663   | 47                                      | 16                                  | 6                               | 5                                 | -          | 4        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ley                         | E.L.        | 37074   | 30                                      | 10                                  | 1                               | 1                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ley                         | E.L.        | 64559   | 53                                      | 33                                  | 5                               | 8                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ar                          | E.L.        | 66077   | 28                                      | 15                                  | 2                               | 1                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| SOUTH DISTRICTS.               |             |   |   |                                     |                                 |                                   |            |          |                |             |                 |         |                                |                              |            |           |   |  |                                      |                                    |
| St church Southwark            | L. & S.     | 3913  | 6                                       | 5                                   | 2                               | -                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Saviour Southwark           | S. & L.     | 14569   | 6                                       | 9                                   | 2                               | 2                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St road                        | S. & L.     | 21381   | 11                                      | 7                                   | 3                               | 2                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St rough-road                  | S. & L.     | 12953   | 5                                       | 6                                   | 3                               | -                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St don-road                    | L. & S.     | 21313   | 11                                      | 14                                  | 5                               | 1                                 | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St city Newington              | S. & L.     | 16622   | 27                                      | 14                                  | 4                               | -                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Peter Walworth              | S. & L.     | 15255   | 17                                      | 15                                  | 6                               | 4                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Mary Newington              | L. & S.     | 21623   | 14                                      | 5                                   | -                               | 2                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St lave                        | S.          | 11626   | 8                                       | 12                                  | 3                               | 1                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St her Market                  | S. & L.     | 13900   | 21                                      | 7                                   | 4                               | 4                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Mary Magdalen               | S.          | 12663   | 10                                      | 3                                   | 1                               | 1                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St James Bermondsey            | S.          | 14635   | 33                                      | 12                                  | 4                               | 4                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St eriths                      | S. & E.     | 14024   | 25                                      | 9                                   | 1                               | 5                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St erloo-road 1st              | L. & S.     | 16165   | 7                                       | 4                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St erloo-road 2nd              | L. & S.     | 15541   | 22                                      | 11                                  | 6                               | 1                                 | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St beth Church 1st             | L. & S.     | 18776   | 12                                      | 50                                  | 6                               | 1                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St beth Church 2nd             | L. & S.     | 36858   | 28                                      | 19                                  | 5                               | 2                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ington 1st                  | S. & L.     | 46232   | 16                                      | 25                                  | 7                               | 5                                 | -          | 8        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ington 2nd                  | S. & L.     | 37832   | 19                                      | 10                                  | 1                               | 1                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St on                          | L. & S.     | 62837   | 31                                      | 18                                  | 8                               | 5                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St road                        | L.          | 16017   | 14                                      | 6                                   | 1                               | 2                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Battersea                   | S.          | 44675   | 33                                      | 10                                  | 5                               | -                                 | -          | 5        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Battersea                   | S.          | 51587   | 18                                      | 22                                  | 4                               | 9                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ham                         | S.          | 24820   | 16                                      | 12                                  | 4                               | 1                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St laworth                     | S.          | 24604   | 25                                      | 7                                   | 4                               | 1                                 | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ey                          | S.          | 18235   | 2                                       | 3                                   | -                               | 2                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ham                         | L.          | 25553   | 19                                      | 6                                   | 1                               | 1                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ich                         | L. & S.     | 5590  | 1                                       | 1                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St erwell                      | S. & L.     | 49104   | 46                                      | 27                                  | 10                              | 6                                 | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ham                         | S., L. & K. | 71089   | 50                                      | 20                                  | 7                               | 5                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St orge Camberwell             | L. & S.     | 40610   | 38                                      | 21                                  | 8                               | -                                 | -          | 8        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Paul Deptford               | K.          | 76712   | 68                                      | 24                                  | 4                               | 1                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St Nicholas Deptford           | K.          | 7301  | 6                                       | 3                                   | 1                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St awich West                  | K.          | 21972   | 9                                       | 7                                   | 1                               | 3                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St awich East                  | K.          | 24608   | 50                                      | 13                                  | 1                               | 5                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St m                           | K.          | 1048  | 3                                       | -                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St H                           | K.          | 21829   | 16                                      | 2                                   | 1                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ham                         | K.          | 18865   | 10                                      | 8                                   | 2                               | 3                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ham                         | L.          | 26076   | 17                                      | 5                                   | -                               | 2                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St on                          | K.          | 16950   | 7                                       | 4                                   | -                               | 2                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St wick Dockyard               | K.          | 17617   | 10                                      | 6                                   | 1                               | 1                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St wick Arsenal                | K.          | 19448   | 9                                       | 6                                   | 2                               | 1                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ead, West                   | K.          | 14049   | 9                                       | 1                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St ead, East                   | K.          | 19241   | 24                                      | 5                                   | 1                               | 1                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| Metropolitan Asylum Hospitals: |             |   |   |                                     |                                 |                                   |            |          |                |             |                 |         |                                |                              |            |           |   |  |                                      |                                    |
| St artford                     | -           | -   | -                                       | -                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St inchmore Hill               | -           | -   | -                                       | -                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |
| St aistow                      | -           | -   | -                                       | -                                   | -                               | -                                 | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | - |  |                                      |                                    |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

Telephone Infirmary in Kensington Town sub-district.  
Mental London Sick Asylum, in Tottenham Court-road sub-district.  
Lunatic Asylum, in Upper Holloway sub-district.  
Maudsley Hospital, in Brixton sub-district.  
Bethlem Hospital, in Hoxton New Town sub-district.  
Mile End Old Town Eastern sub-dist.  
Mile End Old Town Eastern sub-dist.  
Brixton Eastern sub-dist.

Private Lunatic Asylums in which paupers are received.

Stepney Workhouse in Bromley sub-district.  
Poplar & Stepney Sick Asylum " " " "  
Westminster Union Industrial School in West Battersea sub-district.  
Strand and Holborn Workhouses outside Registration London.  
Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hack-  
ney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,  
Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS AND DEATHS registered during Week ending Saturday, 1st December, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.           | Area<br>in<br>Aeres,<br>in-<br>clud-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |
|---|--|---|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|
|   |  |   |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |
|   |  |   |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| LONDON—OUTER RING   |  | 370,924   | 950,957   | 701     | 326     | 83  | 75                                  | -           | 16       | 1              | 7           | 5               | 2      | 4          | 11        | 18             | 32                                |
| 30:1  | Carshalton <i>wL</i> -                   | 12228   | 21118   | 10      | 16      | 2   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 10                                |
| 2   | Epsom ( <i>part of</i> )* <i>WwH</i>     | 9971  | 10710   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 37:1  | Godstone ( <i>part of</i> ) * -          | 2764  | 1235  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 38:1  | Croydon <i>WwHHL</i> -                   | 20351   | 101241  | 59      | 29      | 6   | 8                                   | -           | 2        | -              | -           | -               | -      | -          | -         | 1              | 6                                 |
| 2   | Mitcham <i>w†</i> -                      | 11697   | 17932   | 11      | 6       | -   | 2                                   | -           | 1        | -              | -           | -               | -      | -          | -         | 1              | 1                                 |
| 39:1  | Wimbledon <i>HHH</i> -                   | 3220  | 15950   | 17      | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Kingston <i>WHH</i> -                    | 8549  | 36354   | 14      | 6       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | 1          | 1         | 1              | 1                                 |
| 3   | Esher ( <i>part of</i> ) * -             | 6801  | 9221  | 3       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 4   | Hampton <i>H</i> -                       | 4573  | 18589   | 10      | 6       | -   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |
| 40:1  | Richmond <i>WH</i> -                     | 2372  | 21302   | 12      | 13      | 3   | 6                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |
| 2   | Mortlake -                               | 2941  | 12331   | 4       | 3       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 41:1  | Bromley ( <i>pt. of</i> ) * <i>HH</i>    | 15869   | 31142   | 15      | 12      | 4   | 3                                   | -           | 1        | -              | 1           | 1               | -      | -          | -         | -              | -                                 |
| 2   | Chislehurst( <i>pt. of</i> )* <i>WHH</i> | 14307   | 16844   | 19      | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 42:1  | Bexley <i>H</i> -                        | 18437   | 24134   | 16      | 4       | 1   | 1                                   | -           | 1        | -              | -           | -               | -      | 1          | -         | -              | -                                 |
| 2   | Dartford ( <i>Ww, pts. of</i> )*         | -   | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 124:1   | Sunbury <i>w</i> -                       | 11055   | 11635   | 4       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Staines <i>W</i> -                       | 13277   | 12089   | 9       | 5       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 125:1   | Hillingdon <i>WHH</i> -                  | 6029  | 10902   | 5       | 3       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                                 |
| 2   | Uxbridge -                               | 6173  | 3225  | 5       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Hayes <i>wHL</i> -                       | 14537   | 11523   | 3       | 3       | 1   | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 2                                 |
| 126:1   | Isleworth <i>WHH</i> -                   | 7003  | 22727   | 13      | 6       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |
| 2   | Twickenham <i>H</i> -                    | 2477  | 12479   | 6       | 4       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Brentford <i>HL</i> -                    | 4345  | 27649   | 11      | 6       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 4   | Chislewick -                             | 1340  | 15976   | 13      | 9       | 1   | 3                                   | -           | 2        | -              | -           | -               | -      | -          | -         | 1              | -                                 |
| 5   | Acton <i>wH</i> -                        | 6083  | 22376   | 13      | 9       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 127:1   | Harrow <i>H</i> -                        | 13309   | 12798   | 10      | 4       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |
| 2   | Edgware <i>H</i> -                       | 6994  | 3749  | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Willesden -                              | 4333  | 27453   | 32      | 15      | 1   | 4                                   | -           | -        | 1              | 2           | -               | -      | -          | 1         | 3              | -                                 |
| 4   | Hendon <i>W</i> -                        | 8392  | 10484   | 14      | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 127:1   | Bushey -                                 | 9331  | 6621  | 4       | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Watford ( <i>W, pt. of</i> ) *           | -   | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 128:1   | South Mimms -                            | 15599   | 6391  | 4       | 7       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |
| 2   | Barnet -                                 | 5433  | 10092   | 3       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 3   | Finchley <i>HL</i> -                     | 4688  | 17615   | 8       | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |
| 135:1   | Hatfield ( <i>part of</i> ) *            | 3306  | 583   | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 129:1   | Hornsey <i>H</i> -                       | 3039  | 37078   | 26      | 9       | 5   | -                                   | -           | -        | -              | -           | 2               | -      | -          | 1         | 1              | 1                                 |
| 2   | Tottenham <i>H</i> -                     | 4442  | 46456   | 60      | 21      | 7   | 5                                   | -           | 1        | -              | 2           | -               | -      | -          | -         | -              | 1                                 |
| 3   | Edmonton <i>Ww†</i> -                    | 7483  | 23433   | 13      | 9       | 1   | 1                                   | -           | -        | -              | -           | -               | 1      | 1          | 1         | 1              | 2                                 |
| 4   | Enfield <i>WH</i> -                      | 12653   | 19104   | 18      | 10      | 2   | 3                                   | -           | -        | -              | -           | -               | 1      | -          | 1         | 2              | -                                 |
| 5   | Waltham Abbey -                          | 11017   | 5343  | 5       | 2       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 6   | Cheshunt -                               | 8490  | 7735  | 3       | 3       | 2   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 186:1   | Stratford -                              | 382   | 38903   | 23      | 15      | 5   | 4                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | West Ham <i>wuwH3</i> -                  | 7351  | 101053  | 113     | 29      | 5   | 4                                   | -           | 7        | -              | 1           | -               | -      | -          | 1         | 1              | -                                 |
| 3   | Leyton <i>WwL</i> -                      | 4372  | 32430   | 59      | 18      | 4   | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | 3                                 |
| 4   | Walthamstow <i>H</i> -                   | 6520  | 28363   | 23      | 17      | 4   | 1                                   | -           | -        | -              | 1           | -               | -      | -          | 1         | 2              | -                                 |
| 187:1   | Chigwell ( <i>part of</i> ) * <i>H</i>   | 11761   | 9639  | 8       | 4       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Epping ( <i>W, pt. of</i> ) *            | -   | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 189:1   | Romford ( <i>part of</i> ) * <i>W</i>    | 6730  | 3411  | 1       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 2   | Ilford -                                 | 8493  | 7645  | 9       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |
| 3   | Barking Town -                           | 4127  | 9203  | 6       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1265); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1993); 41: 1, Bromley sub-district, except the parishes of Galden and Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135: 1, the parish of Nonsaw in Havering sub-district; 187: 1, Chigwell sub-district, except the parish of Theydon Bois (pop. 475); 189: 1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 1st December, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  |                                   |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16  |  |                                   |
| EATER LONDON              | 448,334  | 5,527,886                                      | 15·8  | 2·6                                   | 1678                             | 410                                       | 345  | -           | 157      | 25                | 41          | 25                  | 14     | 17        | 65        | 343 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 16·5  | 3·0                                   | 1352                             | 327                                       | 270  | -           | 141      | 21                | 34          | 20                  | 12     | 13        | 54        | 311 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 13·7  | 1·5                                   | 326                              | 83  | 75   | -           | 16       | 1                 | 7           | 5                   | 2      | 4         | 11        | 32  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres: of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of | DEATHS. Stillborn. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                   |
|------------------------------|---------------------------------------|-----------------------------|----------------------|--------------------|------------------------------------|--|
| CALCUTTA                     | 433,219                               | October 20                  | -                    | 236                | 28·4                               | Fevers 68; cholera 39.                           |
| BOMBAY                       | 773,196                               | November 6                  | 335                  | 437                | 25·2                               | Fevers 159.                                      |
| MADRAS                       | 398,777                               | " 19                        | 364                  | 329                | 42·8                               | Fevers 83; cholera 9; diarr. dis. 53.            |
| PARIS                        | 2,260,945                             | " 24                        | 1135                 | 806                | 18·5                               | Typd. fev. 12; diph. and croup 27; small-pox 3.  |
| BRUSSELS (with 8 Faubourgs.) | 462,069                               | " 24                        | 237                  | 187                | 21·0                               | Measles 4; diarrhoeal diseases 17.               |
| AMSTERDAM                    | 390,016                               | " 24                        | 258                  | 121                | 16·1                               | Typhus & typhd. fev. 3; meas. 3; wh-cgh. 4.      |
| ROTTERDAM                    | 193,658                               | " 21                        | 128                  | 73                 | 19·6                               | -  |
| THE HAGUE                    | 149,477                               | " 24                        | 101                  | 48                 | 16·7                               | -  |
| COPENHAGEN                   | 300,000                               | " 20                        | 207                  | 127                | 22·1                               | Scar. fev. 6; diph. 4; measles 2.                |
| STOCKHOLM                    | 221,549                               | " 17                        | 124                  | 73                 | 17·1                               | Scarlet fever 5; diphtheria and croup 2.         |
| CHRISTIANIA                  | 135,990                               | " 24                        | 80                   | 60                 | 23·0                               | Diphtheria and croup 12; whooping-cough 2.       |
| ST. PETERSBURG               | 842,883                               | " 17                        | -                    | 404                | 25·0                               | Scar. fev. 13; diph. 8; typhus and typd. fev. 6. |
| BERLIN                       | 1,438,006                             | " 10                        | 906                  | 543                | 19·4                               | Diphtheria 31; meas. 9; whooping-cough 6.        |
| HAMBURG (State)              | 550,694                               | " 17                        | 337                  | 216                | 20·5                               | Diphtheria and croup 10; typhus & typhd. fev. 6. |
| DRESDEN                      | 269,142                               | " 17                        | 147                  | 74                 | 14·8                               | Diphtheria and croup 10.                         |
| BRESLAU                      | 313,451                               | " 24                        | 185                  | 152                | 25·7                               | Diph. 14; scar. fev. 2; diar. dis. 15.           |
| MUNICH                       | 275,000                               | " 17                        | 189                  | 157                | 29·7                               | Diphtheria and croup 7; meas 3; diar. dis. 26.   |
| VIENNA                       | 800,836                               | " 17                        | 473                  | 357                | 23·2                               | Diphtheria 9; meas. 4; diar. dis. 36.            |
| PRAGUE                       | 295,857                               | " 17                        | -                    | 183                | 32·3                               | Small-pox 15; diph. 16; measles 6.               |
| BUDA-PESTH                   | 442,787                               | " 17                        | 294                  | 233                | 27·4                               | Diph. 5; scar. fev. 2; typhus & typhd. fev. 2.   |
| TRIESTE                      | 156,042                               | " 17                        | -                    | 95                 | 31·7                               | Small-pox 11; diphtheria and croup 3.            |
| ROME                         | 388,300                               | October 6                   | 253                  | 189                | 25·4                               | Typd. fev. 9; malarial fever 15; sm-pox 1.       |
| TURIN (11 days)              | 194,826                               | November 10                 | -                    | -                  | -                                  | -  |
| VENICE                       | 150,502                               | " 10                        | 76                   | 75                 | 26·0                               | -  |
| CAIRO                        | 374,338                               | " 8                         | 495                  | 314                | 43·7                               | Typd. fv. 18; diar. dis. 119.                    |
| ALEXANDRIA                   | 231,396                               | " 8                         | 242                  | 167                | 37·7                               | Typd. fev. 6; diar. dis. 51.                     |
| NEW YORK                     | 1,493,000                             | " 10                        | -                    | 627                | 21·9                               | Diph. 26; scar. fev. 26; typhoid fever 10.       |
| BROOKLYN                     | 774,570                               | " 10                        | -                    | 256                | 16·6                               | Diphtheria 17; croup 11; typhoid fever 4.        |
| PHILADELPHIA                 | 1,016,753                             | " 10                        | -                    | 334                | 17·1                               | Diph. 8; scar. fev. 12; typhoid fever 13.        |
| BALTIMORE                    | 431,879                               | " 10                        | -                    | 118                | 14·3                               | Diph. 7; typhd. fev. 4; whooping-cough 4.        |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 1st DECEMBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.               |        | MONTH AND DAY.     |   | BARO. METER. |          | TEMPERATURE. |                   |                               |                   | Difference between the Air, Dew Point, and Surface Temperature. |        |                      |          | TEMPERATURE.              |      |            |        | Wind as deduced from Anemometers. |  |             |   | Rain collected in a Gauge receiving surface is 5 inches above the level of the Ground. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Phases of the Moon. | Ozone. | Mean daily reading | re-acted and reduced to 32° Fahr. (height). | Of the Air.  |          |              |                   | Of the Dew Point.             |                   | Of the Air, Dew Point, and Surface Temperature.                 |        | Degree of Radiation. |          | Of the Water at Deptford. |      | Oselet's.  |        | Pressure on the Square Foot.      |  | Robinson's. | Horizontal Movement of the Air on each Day. | Average of the 10 Years.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     |        |                    |   | High-est.    | Low-est. | Daily Range. | Mean daily value. | De-pature from average value. | Mean daily value. | Great-est.  | Least. | High-est.            | Low-est. | A.M.                      | P.M. | Great-est. | Least. | Mean of 24 hourly obs.            |  |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     |        |                    |   |              |          |              |                   |                               |                   |   |        |                      |          |                           |      |            |        |                                   |  |             |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no observation has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 8h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1888 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 10 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of each of the jetties of the Foreign Office, Market at Deptford, and Corporation of London. The readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbol employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and v. very.

The numbers in column 23 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

# GENERAL REMARKS.

| DATE.                    | ELECTRICITY.             | Registered Sun above     | Thunder, Lightning, &c.  | Remarks.   |
|--------------------------|--------------------------|--------------------------|--------------------------|--|
| (For symbols, see Note.) | (For symbols, see Note.) | (For symbols, see Note.) | (For symbols, see Note.) | (For symbols, see Note.)   |
| NOVEMBER.                |                          |                          |                          |  |
| SUNDAY                   | 25                       | 0.1                      | 8.3                      | Overcast generally. Occasional rain. Very mild. A gale of wind.  |
| MONDAY                   | 26                       | 2.8                      | 8.3                      | Heavy rain in morning; partially cloudy till evening; cloudless at night, and lightning was seen occasionally. |
| TUESDAY                  | 27                       | 0.1                      | 8.2                      | Cloudy with frequent rain till afternoon; cloudless in evening.  |
| WEDNESDAY                | 28                       | 0.0                      | 8.2                      | Partially cloudy and fine in morning; cloudy, gloomy, and showery till evening; fine at night.                 |
| THURSDAY                 | 29                       | 0.0                      | 8.2                      | Overcast. A shower in morning.   |
| FRIDAY                   | 30                       | 0.0                      | 8.1                      | Overcast and gloomy till evening, and rain fell from 4h. A.M. till 7h. P.M.; fine at night.                    |
| SATURDAY                 | 1                        | 3.0                      | 8.1                      | Very fine. Small amounts of cloud prevailed at times.  |
| MEANS                    |                          | Sum 6.9                  | Sum 57.4                 |  |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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No. 49. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, DECEMBER 8. [Price 1½d.

General Register Office, Somerset House,  
10th December, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·6 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000 :—

| TOWNS.       | Weeks ending |             |            |            | TOWNS.             | Weeks ending |             |            |            |
|--------------|--------------|-------------|------------|------------|--------------------|--------------|-------------|------------|------------|
|              | Nov.<br>17.  | Nov.<br>24. | Dec.<br>1. | Dec.<br>8. |                    | Nov.<br>17.  | Nov.<br>24. | Dec.<br>1. | Dec.<br>8. |
| Birkenhead   | 19·3         | 18·2        | 19·3       | 13·0       | Liverpool -        | 22·2         | 21·1        | 23·5       | 23·6       |
| Birmingham   | 16·4         | 13·7        | 18·3       | 18·1       | London -           | 19·7         | 17·2        | 16·5       | 17·8       |
| Blackburn -  | 26·3         | 28·9        | 26·7       | 26·3       | Manchester -       | 24·7         | 25·2        | 21·2       | 21·8       |
| Bolton -     | 18·9         | 19·8        | 23·0       | 23·0       | Newcastle-on-Tyne* | 21·7         | 23·6        | 22·3       | 22·0       |
| Bradford*    | 19·3         | 19·1        | 14·3       | 16·6       | Norwich -          | 17·8         | 17·8        | 16·2       | 19·5       |
| Brighton -   | 12·6         | 16·5        | 13·5       | 20·9       | Nottingham -       | 16·3         | 17·2        | 13·8       | 18·5       |
| Bristol -    | 14·1         | 16·8        | 18·2       | 14·7       | Oldham -           | 22·3         | 22·7        | 25·7       | 22·3       |
| Cardiff*     | 29·3         | 26·4        | 27·9       | 29·8       | Plymouth -         | 22·8         | 19·5        | 19·5       | 24·8       |
| Derby -      | 16·3         | 9·8         | 16·8       | 9·2        | Portsmouth -       | 17·2         | 17·2        | 14·2       | 16·1       |
| Halifax -    | 18·9         | 24·7        | 21·5       | 18·2       | Preston -          | 19·7         | 21·2        | 18·2       | 14·7       |
| Huddersfield | 20·0         | 17·1        | 18·3       | 18·8       | Salford* -         | 18·0         | 20·3        | 14·8       | 18·0       |
| Hull -       | 16·8         | 12·4        | 13·2       | 14·7       | Sheffield -        | 20·1         | 16·2        | 17·7       | 17·8       |
| Leeds -      | 21·1         | 21·8        | 20·8       | 20·2       | Sunderland -       | 21·4         | 18·6        | 17·4       | 13·1       |
| Leicester*   | 14·9         | 13·2        | 13·9       | 22·0       | Wolverhampton -    | 24·3         | 14·0        | 16·6       | 16·6       |

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·7 in London, 1·8 in Leicester, 2·6 in Portsmouth, 2·7 in Leeds, 3·0 in Oldham, 3·2 in Salford, 3·8 in Liverpool, 4·8 in Blackburn, and 7·7 in Cardiff; from *scarlet fever*, 1·0 in Liverpool and in Sheffield, 1·6 in Derby, and 2·2 in Blackburn; from *whooping-cough*, 1·0 in Birmingham and 1·9 in Cardiff; and from "*fever*," 1·0 in Cardiff and 1·6 in Salford. The 48 deaths from *diphtheria* in these towns included 35 in London, 3 in Nottingham, 2 in Birmingham, 2 in Salford, and 2 in Newcastle-upon-Tyne. No death from *small-pox* was registered in any of the twenty-eight great towns.

### LONDON.

In LONDON† 2644 BIRTHS and 1461 DEATHS were registered. Allowing for increase of population, the births were 41, and the deaths 357, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·2 and 16·5 in the two preceding

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



weeks, rose last week to 17·8. During the first ten weeks of the current quarter the death-rate averaged 18·6 per 1000, and was 1·7 below the mean rate in the corresponding periods of the ten years 1878-87.

The 1461 deaths included 139 from measles, 30 from scarlet fever, 35 from diphtheria, 13 from whooping-cough, one from typhus, 12 from enteric fever, 19 from diarrhœa and dysentery, and not one from small-pox, ill-defined forms of continued fever, or cholera; thus, 249 deaths were referred to these diseases, being 24 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 10; and no small-pox patients were under treatment during the week in the Metropolitan Asylum Hospitals, or in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had steadily increased in the five preceding weeks from 88 to 141, were last week 139, and exceeded the corrected weekly average by 83; 10 belonged to Pancras, 13 to Islington, 18 to Bethnal Green, 6 to Mile End Old Town, 16 to Lambeth, and 8 to Battersea sanitary areas. The deaths from *scarlet fever*, which had been 31, 20, and 24 in the three previous weeks, rose again last week to 30, but were 20 below the corrected average; 3 belonged to Islington, 3 to Bethnal Green, 2 to Mile End Old Town, 3 to Poplar, 3 to Bermondsey, 3 to Lambeth, 2 to Wandsworth, and 2 to Camberwell sanitary areas. At the end of the week the Metropolitan Asylum and the London Fever Hospitals contained 922 scarlet fever patients, against 980, 953, and 946 in the three preceding weeks; 79 cases were admitted during the week, against 59 and 96 in the two previous weeks. The fatal cases of *diphtheria*, which had been 44, 41, and 34 in the three previous weeks, were last week 35, and exceeded the corrected average by 14; 4 belonged to Kensington, 4 to Bethnal Green, and 3 to Lambeth sanitary areas. The 13 deaths from *whooping-cough* showed a decline of 7 from the number in the previous week, and were 35 below the corrected average. The 19 deaths attributed to *diarrhœa* exceeded the number in the previous week by 6, and were 4 above the corrected average.

The deaths referred to *enteric fever*, which had been 15 and 11 in the two previous weeks, were last week 12, and were 11 below the corrected average; 3 belonged to Kensington, and 2 to Hackney sanitary areas. The death of a woman, aged 23 years, at 31, Uppern Road, Chelsea, was referred to "miscarriage, typhus fever, 12 days." The Metropolitan Asylum Hospitals contained 81 cases of enteric fever, and 1 of typhus on Saturday last; 8 cases of enteric fever were admitted during the week, against 11 and 7 in the two previous weeks.

The deaths referred to diseases of the respiratory organs, which had declined in the six preceding weeks from 522 to 258, were last week 277, and were 210 below the corrected average.

Different forms of violence caused 62 deaths; 56 were the result of negligence or accident, among which were 17 from fractures and contusions, 5 from burns and scalds, 4 from drowning, and 20 of infants under one year of age from suffocation. The 17 deaths from fractures and contusions were thus caused:—2 by accidents from vehicles in streets; 1 by accident on railway; 1 by fall into hole; 1 by fall in street; 1 by fall into area; 1 by fall from chair; 1 by fall down stairs; 6 by fall of building in course of erection; 1 by fall of wood; 1 by injury from iron shutter; and 1 by fracture, the nature of which was not stated. An inquest was held in each of these 17 cases. Five cases of suicide were registered, corresponding with the corrected average.

#### GREATER LONDON.

In Greater London 3494 births and 1764 deaths were registered, corresponding to annual rates of 33·0 and 16·7 per 1000 of the estimated population. In the Outer Ring 12 deaths from measles, 9 from diphtheria, 4 from scarlet fever, and 4 from "fever," were registered. Measles caused 5 deaths in West Ham and 3 in Willesden sub-districts. Two deaths from scarlet fever occurred in Enfield, and 4 from diphtheria and 3 from "fever" in Tottenham sub-districts.

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Professor Frankland's report upon the quality of the water supplied by the various companies to the Metropolitan area during November will be found on pages 505-506.

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## METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·91 ins.; the lowest reading was 29·75 ins. at the beginning of the week, and the highest 30·06 ins. on Thursday morning. The mean temperature of the *air* was 49°·1, and 6°·7 above the average in the corresponding weeks of the 20 years ending 1868. The mean showed an excess throughout the week; the warmest day was Wednesday, when the mean was 53°·0 and exceeded the average by 10°·4. The general direction of the *wind* was S.S.W., and the horizontal movement of the air averaged 12·7 miles per hour, which was 0·1 mile above the average in the corresponding weeks of 16 years. *Rain* fell on three days of the week, to the aggregate amount of 0·17 of an inch. The duration of registered bright sunshine in the week was 11·5 hours, against 9·3 hours at Glynde Place, Lewes.

THE REGISTRAR GENERAL has to acknowledge the courtesy of the LONDON WATER COMPANIES who have furnished him with the average daily quantity of Water supplied during the month of NOVEMBER 1888; according to their returns 157,969,825 gallons or 717,729 cubic metres of water (equal to about as many *tuns* by measure, *tons* by weight,) were supplied daily; or 212 gallons 96·3 decalitres), being rather less than a *ton* by weight, to each house, and (assuming 7·8 persons to each house) 27·2 gallons (12·4 decalitres) to each person, against 27·1 gallons in November 1887.

| COMPANIES.                              | Number of Houses, &c.<br>supplied in |                    | Average daily Supply of Water<br>in Gallons. |                    |
|---|--------------------------------------|--------------------|--|--------------------|
|   | NOVEMBER.<br>1887.                   | NOVEMBER.<br>1888. | NOVEMBER.<br>1887.                           | NOVEMBER.<br>1888. |
| TOTAL SUPPLY . . . .                    | 732,120                              | 745,662            | 154,782,305                                  | 157,969,825        |
| From Thames . . . . .                   | 352,855                              | 359,251            | 78,106,071                                   | 78,048,405         |
| From Lea and from other Sources . . . . | 379,265                              | 386,411            | 76,676,234                                   | 79,921,420         |
| THAMES.                                 |                                      |                    |  |                    |
| Chelsea . . . . .                       | 34,366                               | 34,735             | 9,133,200                                    | 8,940,197          |
| West Middlesex . . . . .                | 69,780                               | 70,969             | 14,259,348                                   | 14,652,588         |
| Southwark and Vauxhall . . . . .        | 108,652                              | 110,326            | 23,203,018                                   | 21,790,108         |
| Grand Junction . . . . .                | 53,745                               | 55,008             | 15,704,305                                   | 16,045,112         |
| Lambeth . . . . .                       | 86,312                               | 88,213             | 15,716,200                                   | 16,620,400         |
| LEA AND OTHER SOURCES.                  |                                      |                    |  |                    |
| New River . . . . .                     | 149,379                              | 151,674            | 28,055,000                                   | 29,635,000         |
| East London . . . . .                   | 160,060                              | 163,368            | 37,057,392                                   | 39,113,465         |
| Kent . . . . .                          | 69,826                               | 71,369             | 10,963,932                                   | 11,172,955         |

*Note.*—The Return for November 1888, as compared with that for the corresponding month of 1887, shows an increase of 13,542 houses, and of 3,187,520 gallons of water supplied daily.

## ANALYSIS OF METROPOLITAN WATER SUPPLY DURING NOVEMBER.

Grove House, Pembroke Square, W.,  
7th December, 1888.

SIR, I HAVE to report to you in the following Table the results of the chemical analyses of the waters supplied to the inner, and portions of the outer, circle of the Metropolis during the month of November.

I append, also, the results obtained in the analyses of the waters supplied to Birmingham and Glasgow by their respective Corporations. These analyses were made by Dr. Hill of Birmingham and Dr. Mills of Glasgow.

Taking the average amount of organic impurity contained in a given volume of the Kent Company's water during the nine years ending December 1876 as unity, the proportional amount contained in an equal volume of water supplied by each of the Metropolitan Water Companies and by the Tottenham Local Board of Health, was:—Tottenham 0·7, Kent 0·8, Colne Valley 1·4, New River 2·3, Grand Junction 3·6, Chelsea 3·9, Southwark 4·1, East London 4·4, West Middlesex 4·6, and Lambeth 4·7.

The Thames water sent out by the Chelsea, West Middlesex, Southwark, Grand Junction, and Lambeth Companies contained, as is usual at this season of the year, a markedly increased quantity of organic matter, as compared with that in the samples of some months past. The increase was least conspicuous in the case of the Grand Junction Company's water. Notwithstanding this increased proportion of organic matter in the river-water, all the samples were clear and bright on delivery.

The water principally derived from the River Lea, and distributed by the New River and East London Companies exhibited a corresponding increase of organic matter, the actual proportion present in the New River Company's water was, however, less than in any of the other river supplies. Both samples were clear and bright.

The deep-well waters of the Kent and Colne Valley Companies and of the Tottenham Local Board of Health contained, as usual, only a very small proportion of organic matter. The



Colne Valley Company's water was softened by treatment with lime before delivery, although the softening had not been carried as far as usual.

Seen through a stratum two feet deep, the waters presented the following appearances:—Kent, Colne Valley, and Tottenham, clear and colourless; New River, clear and very pale yellow; Chelsea, West Middlesex, Southwark, Grand Junction, Lambeth, and East London, clear and pale yellow.

Dr. Hill, F.I.C., the Medical Officer of Health for Birmingham, reports that the water supplied to that town "contained less organic matter than any sample during the year."

Dr. Mills, F.R.S., of the Glasgow and West of Scotland Technical College reports that the water supplied to that city from Loch Katrine was "light brown in colour and contained a little suspended matter."

The Registrar General, &c. &c.

I am, &c.

E. FRANKLAND.

RESULTS OF ANALYSIS EXPRESSED IN PARTS PER 100,000.

| COMPANIES<br>OR LOCAL AUTHORITIES. |                            | Date<br>and Place of Collection.                                | Temperature in<br>Centigrade degrees. | Total<br>Solid<br>Matter. | Organic Carbon. | Organic Nitrogen. | Ammonia. | Nitrogen, as Ni-<br>trates and Nitrites. | Total combined<br>Nitrogen. | Chlorine. | Total Hardness. |
|------------------------------------|----------------------------|---|---------------------------------------|---------------------------|-----------------|-------------------|----------|--|-----------------------------|-----------|-----------------|
| Inner Circle.                      | THAMES.                    |   | °                                     |                           |                 |                   |          |  |                             |           |                 |
|                                    | Chelsea                    | November 28th,<br>Cab Rank, Victoria-st.                        | 13·0                                  | 28·74                     | ·201            | ·030              | 0        | ·200                                     | ·230                        | 1·8       | 19·7            |
|                                    | West Middlesex             | November 28th,<br>Cab Rank, Portland-road.                      | 11·5                                  | 31·00                     | ·235            | ·039              | 0        | ·265                                     | ·304                        | 1·7       | 22·1            |
|                                    | Southwark                  | November 28th,<br>Cab Rank, Bricklayers<br>Arms, Old Kent-road. | 11·6                                  | 31·90                     | ·202            | ·038              | 0        | ·276                                     | ·314                        | 1·7       | 22·7            |
|                                    | Grand Junction             | November 28th,<br>Cab Rank, Uxbridge-road,<br>near Marble Arch. | 10·5                                  | 31·90                     | ·176            | ·034              | 0        | ·281                                     | ·315                        | 1·8       | 23·0            |
|                                    | Lambeth                    | November 28th,<br>Cab Rank, St. George's-<br>road, Southwark.   | 11·3                                  | 32·70                     | ·232            | ·043              | 0        | ·284                                     | ·327                        | 1·8       | 22·7            |
|                                    | LEA.                       |   |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | New River                  | November 28th,<br>Cab Rank, Tottenham<br>Court-road.            | 11·0                                  | 33·40                     | ·103            | ·030              | 0        | ·289                                     | ·319                        | 2·0       | 21·8            |
| Outer Circle.                      | East London                | November 28th,<br>Fire Brigade Station,<br>Commercial-road, E.  | 10·5                                  | 36·90                     | ·219            | ·038              | 0        | ·275                                     | ·313                        | 2·0       | 25·1            |
|                                    | DEEP WELLS.                |   |                                       |                           |                 |                   |          |  |                             |           |                 |
|                                    | Kent                       | November 28th,<br>Mill Lane, Deptford.                          | 12·8                                  | 43·70                     | ·036            | ·012              | 0        | ·563                                     | ·575                        | 2·4       | 33·2            |
|                                    | Colne Valley               | November 29th,<br>Bushey.                                       | —                                     | 19·70                     | ·062            | ·023              | 0        | ·469                                     | ·492                        | 2·0       | 9·6             |
|                                    | Tottenham                  | November 5th,<br>Tottenham.                                     | —                                     | 39·34                     | ·029            | ·014              | ·070     | ·059                                     | ·131                        | 2·6       | 23·6            |
|                                    | Corporation of Birmingham* | November 6th,<br>3, Lancaster-street.                           | 10·5                                  | 25·98                     | ·056            | ·008              | ·001     | ·330                                     | ·339                        | 1·9       | 14·8            |
|                                    | Corporation of Glasgow†    | November 15th,<br>Loch Katrine Water.                           | 7·6                                   | 2·70                      | ·143            | ·037              | 0        | ·004                                     | ·041                        | ·7        | 1·0             |
|                                    | Column 1.                  | 2.  | 3.                                    | 4.                        | 5.              | 6.                | 7.       | 8.                                       | 9.                          | 10.       | 11.             |

\* Analysed by Dr. Alfred Hill, F.I.C., Medical Officer of Health and Analyst to the Borough.

† Analysed by Dr. E. J. Mills, F.R.S., of the Glasgow and West of Scotland Technical College.

All the numbers in columns 4, 5, 6, 7, 8, 9, 10, and 11, relate to 100,000 parts of the water. The Table is to be read thus:—the Chelsea Company's water, collected on the 28th November at the Victoria St. cab-rank, had a temperature of 13°·0 C.; 100,000 lbs. of it contained 28·74 lbs. of solid matter; the organic substances, constituting a portion of this matter, contained ·201 lb. of carbon and ·030 lb. of nitrogen. The above quantity of water also contained no ammonia, and ·200 lb. of nitrogen in the form of nitrates and nitrites, whilst the total amount of combined nitrogen in every form was ·230 lb. The above weight of water also contained 1·8 lbs. of chlorine; and 19·7 lbs. of carbonate of lime, or an equivalent quantity of other hardening or soap-destroying ingredients.

The numbers in the analytical Table can be converted into grains per imperial gallon by multiplying them by 7, and then moving the decimal point one place to the left. The same operation transforms the hardness in the Table into degrees of hardness on Clark's scale.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the week ending 8th December, 1888.

| CITIES<br>AND<br>BOROUGH. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | Registered during<br>the week ending<br>8th Dec., 1888. |         | The Deaths registered in the Week include |  |             |          |                   |             |                     |        |            |           |                |                                      | TEMPERATURE OF THE AIR. |                     |         |                        | RAINFALL.   |             |            |                      |      |
|---------------------------|---|---|---------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|----------------|--------------------------------------|-------------------------|---------------------|---------|------------------------|-------------|-------------|------------|----------------------|------|
|                           |   | BIRTHS.   | DEATHS. | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           | Inquest Cases. | Deaths in<br>Public<br>Institutions. | Causes of Death.        | From All<br>Causes. |         | From Diseases<br>6-12. | Mean.       |             | In Inches. | In Centi-<br>metres. |      |
|                           |   |   |         | Infants under<br>1 Year of<br>Age.        | Persons aged<br>60 Years<br>and upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Dysentery. | Violence. |                |                                      |                         | Highest.            | Lowest. |                        | Fahrenheit. | Centigrade. |            |                      |      |
| Cols.                     | 1.  | 2.  | 3.      | 4.  | 5.                                       | 6.          | 7.       | 8.                | 9.          | 10.                 | 11.    | 12.        | 13.       | 14.            | 15.                                  | 16.                     | 17.                 | 18.     | 19.                    | 20.         | 21.         | 22.        | 23.                  | 24.  |
| 28 TOWNS*                 | 9,398,273   | 5817  | 3359    | 856                                       | 644                                      | -           | 277      | 70                | 48          | 50                  | 40     | 41         | 132       | 240            | 556                                  | 86                      | 18·6                | 2·9     | 58·1                   | 34·0        | 49·3        | 9·61       | 0·41                 | 1·04 |
| LONDON*                   | 4,282,921   | 2644  | 1461    | 375                                       | 276                                      | -           | 139      | 30                | 35          | 13                  | 13     | 19         | 62        | 120            | 302                                  | 21                      | 17·8                | 3·0     | 58·1                   | 35·6        | 49·1        | 9·50       | 0·17                 | 0·43 |
| BRIGHTON                  | 119,983   | 57  | 48      | 7   | 12                                       | -           | -        | 1                 | -           | 1                   | 2      | -          | 2         | 2              | 4                                    | 6                       | 20·9                | 1·7     | 54·2                   | 40·0        | 49·9        | 9·94       | 0·51                 | 1·30 |
| PORTSMOUTH                | 139,575   | 94  | 43      | 10  | 8  | -           | 7        | 1                 | -           | -                   | 1      | -          | 2         | 5              | 2                                    | -                       | 16·1                | 3·4     | -                      | -           | -           | -          | -                    | -    |
| NORWICH                   | 98,675  | 58  | 35      | 7   | 9  | -           | -        | -                 | -           | 1                   | -      | -          | 1         | 2              | 1                                    | 1                       | 19·5                | 0·6     | -                      | -           | -           | -          | -                    | -    |
| PLYMOUTH                  | 77,674  | 45  | 37      | 7   | 12                                       | -           | -        | -                 | -           | -                   | -      | -          | 1         | 1              | 6                                    | 1                       | 24·8                | 0·0     | 56·5                   | 34·0        | 51·2        | 10·67      | 1·05                 | 2·67 |
| BRISTOL                   | 226,510   | 126   | 64      | 10  | 17                                       | -           | 3        | 1                 | 1           | 4                   | 2      | 2          | 1         | 4              | 9                                    | 1                       | 14·7                | 2·1     | 57·8                   | 40·0        | 50·3        | 10·17      | 0·74                 | 1·88 |
| WOLVERHAMPTON             | 81,691  | 58  | 26      | 6   | 10                                       | -           | -        | -                 | -           | -                   | -      | -          | 2         | 2              | 6                                    | -                       | 16·6                | 0·0     | 56·0                   | 36·2        | 48·1        | 8·94       | 0·46                 | 1·17 |
| BIRMINGHAM                | 447,912   | 242   | 155     | 45  | 35                                       | -           | 2        | 1                 | 2           | 9                   | -      | 4          | 5         | 7              | 23                                   | 4                       | 18·1                | 2·1     | -                      | -           | -           | -          | -                    | -    |
| LEICESTER*                | 146,790   | 90  | 62      | 26  | 9  | -           | 5        | -                 | 1           | 1                   | -      | 1          | 1         | 9              | 8                                    | -                       | 22·0                | 2·1     | -                      | -           | -           | -          | -                    | -    |
| NOTTINGHAM*               | 230,921   | 184   | 82      | 20  | 21                                       | -           | 1        | 2                 | 3           | 1                   | -      | -          | 5         | 7              | 13                                   | 1                       | 18·5                | 1·6     | 56·8                   | 36·3        | 49·2        | 9·56       | 0·21                 | 0·53 |
| DERBY                     | 96,241  | 65  | 17      | 2   | 5  | -           | -        | 3                 | -           | -                   | -      | -          | -         | 2              | 3                                    | -                       | 9·2                 | 1·0     | -                      | -           | -           | -          | -                    | -    |
| BIRKENHEAD                | 100,093   | 52  | 25      | 11  | 4  | -           | -        | 1                 | -           | -                   | -      | 1          | -         | 2              | 3                                    | -                       | 13·0                | 1·0     | -                      | -           | -           | -          | -                    | -    |
| LIVERPOOL                 | 599,738   | 340   | 271     | 63  | 34                                       | -           | 44       | 11                | -           | 6                   | 4      | 2          | 12        | 13             | 42                                   | 14                      | 23·6                | 5·8     | 57·7                   | 41·3        | 50·0        | 10·00      | 0·15                 | 0·38 |
| ROLTON                    | 113,606   | 68  | 50      | 16  | 16                                       | -           | -        | -                 | 1           | 1                   | 1      | -          | 3         | 3              | 5                                    | 1                       | 23·0                | 1·4     | -                      | -           | -           | -          | -                    | -    |
| MANCHESTER                | 378,164   | 253   | 158     | 34  | 26                                       | -           | 4        | 2                 | 1           | 2                   | 4      | 1          | 8         | 16             | 36                                   | 2                       | 21·8                | 1·9     | -                      | -           | -           | -          | -                    | -    |
| SALFORD*                  | 226,336   | 133   | 78      | 21  | 9  | -           | 14       | 4                 | 2           | 2                   | 7      | -          | 3         | 3              | 14                                   | 1                       | 18·0                | 6·7     | -                      | -           | -           | -          | -                    | -    |
| OLDHAM                    | 138,220   | 76  | 59      | 11  | 10                                       | -           | -        | 1                 | -           | 1                   | -      | -          | -         | 4              | 2                                    | -                       | 22·3                | 3·8     | -                      | -           | -           | -          | -                    | -    |
| BLACKBURN                 | 119,059   | 87  | 60      | 20  | 6  | -           | 11       | 5                 | -           | 1                   | 1      | 3          | 3         | 3              | 4                                    | 1                       | 26·3                | 9·2     | -                      | -           | -           | -          | -                    | -    |
| PRESTON                   | 103,234   | 83  | 29      | 7   | 8  | -           | -        | -                 | -           | 1                   | 1      | 1          | 1         | 1              | 6                                    | 4                       | 14·7                | 1·0     | -                      | -           | -           | -          | -                    | -    |
| HUDDESFIELD               | 91,419  | 50  | 33      | 6   | 8  | -           | 2        | -                 | -           | -                   | -      | -          | -         | 2              | 3                                    | -                       | 18·8                | 1·1     | -                      | -           | -           | -          | -                    | -    |
| HAILEX                    | 80,138  | 51  | 28      | 7   | 9  | -           | -        | -                 | -           | -                   | -      | -          | 2         | 2              | 6                                    | 3                       | 18·2                | 0·0     | -                      | -           | -           | -          | -                    | -    |
| BRADFORD*                 | 229,721   | 131   | 73      | 20  | 17                                       | -           | -        | -                 | -           | 1                   | -      | -          | 3         | 8              | 8                                    | 3                       | 16·6                | 0·2     | 57·8                   | 37·2        | 49·5        | 9·72       | 0·19                 | 0·48 |
| LEEDS                     | 351,210   | 255   | 136     | 38  | 17                                       | -           | 18       | -                 | -           | 5                   | -      | 3          | 2         | 7              | 8                                    | 4                       | 20·2                | 3·9     | -                      | -           | -           | -          | -                    | -    |
| SHEFFIELD                 | 321,711   | 181   | 110     | 26  | 18                                       | -           | 3        | 6                 | 1           | -                   | 1      | 1          | 4         | 4              | 16                                   | 7                       | 17·8                | 1·9     | -                      | -           | -           | -          | -                    | -    |
| HULL                      | 202,359   | 126   | 57      | 15  | 18                                       | -           | -        | -                 | -           | -                   | -      | -          | 2         | 3              | 8                                    | 3                       | 14·7                | 0·0     | 57·0                   | 41·0        | 49·1        | 9·50       | 0·50                 | 1·27 |
| SUNDERLAND                | 131,919   | 107   | 33      | 14  | 8  | -           | -        | -                 | -           | -                   | 1      | 1          | 1         | 3              | 1                                    | 1                       | 13·1                | 0·8     | -                      | -           | -           | -          | -                    | -    |
| NEWCASTLE*                | 159,063   | 126   | 67      | 11  | 13                                       | -           | -        | -                 | 2           | 2                   | -      | 1          | 6         | 10             | 12                                   | 2                       | 22·0                | 1·6     | 58·0                   | 37·0        | 46·9        | 8·28       | 0·10                 | 0·25 |
| CARDIFF                   | 108,570   | 85  | 62      | 21  | 9  | -           | 16       | -                 | -           | 4                   | 2      | 2          | 1         | 3              | 4                                    | 3                       | 29·8                | 11·5    | -                      | -           | -           | -          | -                    | -    |
| EDINBURGH                 | 262,733   | 155   | 79      | 13  | 18                                       | -           | -        | -                 | 1           | 2                   | -      | -          | 6         | 8              | 16                                   | 15                      | 15·7                | 0·6     | 56·7                   | 41·7        | 49·6        | 9·78       | 0·31                 | 0·79 |
| GLASGOW                   | 526,088   | 351   | 211     | 44  | 35                                       | -           | 3        | 10                | 7           | 5                   | 1      | 3          | 8         | 9              | 42                                   | 25                      | 20·9                | 2·9     | 56·9                   | 40·5        | 50·6        | 10·33      | 1·43                 | 3·63 |
| DUBLIN                    | 363,082   | 186   | 183     | 39  | 31                                       | -           | 1        | 1                 | 1           | 1                   | 8      | 1          | 5         | 6              | 56                                   | 32                      | 27·0                | 1·9     | 58·0                   | 34·9        | 51·3        | 10·72      | 0·39                 | 0·99 |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FORTY-NINTH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2576 | 2470 | 2461 | 2380 | 2520 | 2346 | 2385 | 2504 | 2485 | 2497 | 2685.2   | 2644 |
| Males . .           | 1294 | 1230 | 1271 | 1200 | 1310 | 1237 | 1232 | 1257 | 1270 | 1237 | 1367.3   | 1367 |
| Females .           | 1282 | 1240 | 1190 | 1180 | 1210 | 1109 | 1153 | 1247 | 1215 | 1260 | 1317.9   | 1277 |
| <b>TOTAL Deaths</b> | 2016 | 1888 | 1398 | 1521 | 1669 | 1623 | 1764 | 1474 | 1738 | 1577 | 1818.1   | 1461 |
| Males . .           | 982  | 992  | 744  | 784  | 818  | 819  | 817  | 741  | 906  | 731  | 914.2  | 792  |
| Females .           | 1034 | 896  | 654  | 737  | 851  | 809  | 947  | 733  | 832  | 796  | 903.9  | 669  |

\*The numbers in this column are the average weekly numbers in the forty-ninth weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Sept. 15.                      | Sept. 22. | Sept. 29. | Oct. 6. | Oct. 13. | Oct. 20. | Oct. 27. | Nov. 3. | Nov. 10. | Nov. 17. | Nov. 24. | Dec. 1. | Dec. 8. |
|--|--------------------------------|-----------|-----------|---------|----------|----------|----------|---------|----------|----------|----------|---------|---------|
| <b>TOTAL Births</b>                      | 2488                           | 2463      | 2395      | 2413    | 2588     | 2459     | 2666     | 2373    | 2770     | 2606     | 2722     | 2367    | 2644    |
| <b>TOTAL Deaths</b>                      | 1330                           | 1298      | 1314      | 1352    | 1536     | 1641     | 1737     | 1613    | 1520     | 1619     | 1409     | 1352    | 1461    |
| 0—20                                     | 666                            | 650       | 668       | 676     | 720      | 777      | 849      | 770     | 769      | 825      | 724      | 701     | 765     |
| 20—40                                    | 159                            | 177       | 176       | 165     | 219      | 197      | 199      | 189     | 136      | 179      | 167      | 164     | 177     |
| 40—60                                    | 225                            | 233       | 199       | 238     | 264      | 297      | 293      | 275     | 227      | 284      | 212      | 217     | 243     |
| 60—80                                    | 235                            | 197       | 225       | 224     | 273      | 297      | 325      | 310     | 288      | 260      | 257      | 223     | 238     |
| at 80 years & upwds.                     | 45                             | 41        | 46        | 49      | 60       | 73       | 71       | 69      | 50       | 71       | 49       | 47      | 48      |
| Deaths of children                       | 407                            | 385       | 395       | 370     | 388      | 397      | 423      | 383     | 400      | 377      | 342      | 327     | 375     |
| Under 1 year                             | 195                            | 184       | 185       | 208     | 263      | 277      | 329      | 297     | 281      | 332      | 292      | 288     | 296     |
| 1—5                                      | 64                             | 81        | 88        | 98      | 69       | 103      | 97       | 90      | 88       | 116      | 90       | 86      | 94      |
| 5—20                                     | -                              | -         | -         | -       | -        | -        | -        | -       | -        | -        | -        | -       | -       |
| Deaths from Small-pox                    | 27                             | 32        | 50        | 39      | 50       | 80       | 100      | 88      | 109      | 124      | 133      | 141     | 139     |
| Measles                                  | 24                             | 20        | 22        | 24      | 30       | 33       | 25       | 24      | 18       | 31       | 20       | 24      | 30      |
| Scarlet fever                            | 18                             | 24        | 27        | 35      | 26       | 36       | 31       | 32      | 34       | 44       | 41       | 34      | 35      |
| Diphtheria                               | 31                             | 22        | 18        | 5       | 18       | 12       | 18       | 19      | 15       | 17       | 19       | 20      | 13      |
| Whooping-cough                           | -                              | -         | -         | 1       | -        | -        | -        | -       | -        | -        | 1        | -       | 1       |
| Typhus                                   | 12                             | 11        | 13        | 8       | 13       | 19       | 17       | 22      | 14       | 15       | 15       | 11      | 12      |
| Enteric fever                            | 1                              | -         | -         | -       | 1        | 1        | 2        | -       | -        | -        | 1        | 1       | -       |
| Simple Cont'd fever                      | 122                            | 78        | 77        | 72      | 43       | 42       | 30       | 34      | 18       | 16       | 18       | 13      | 19      |
| Diarrhoea and Dysentery                  | 1                              | 4         | -         | -       | 2        | -        | 1        | -       | -        | -        | -        | 1       | -       |
| Cholera                                  | 236                            | 191       | 182       | 184     | 183      | 223      | 225      | 220     | 208      | 247      | 248      | 245     | 249     |
| Deaths from the above-mentioned Diseases | 184                            | 179       | 213       | 239     | 311      | 364      | 522      | 441     | 373      | 374      | 287      | 253     | 277     |
| Dis. of Respiratory System               | 132                            | 146       | 117       | 150     | 175      | 180      | 157      | 149     | 126      | 152      | 132      | 136     | 144     |
| Phthisis                                 | 93                             | 114       | 112       | 111     | 138      | 152      | 129      | 138     | 133      | 108      | 105      | 96      | 101     |
| Dis. of Circulatory System               | 61                             | 69        | 61        | 51      | 60       | 51       | 57       | 59      | 50       | 60       | 43       | 54      | 62      |
| Violent Deaths                           | 103                            | 112       | 101       | 94      | 116      | 109      | 120      | 117     | 110      | 117      | 105      | 103     | 120     |
| Inquest Cases                            | 312                            | 293       | 325       | 307     | 346      | 367      | 395      | 369     | 346      | 371      | 311      | 311     | 302     |
| Deaths in Public Institutions            | 54.5                           | 57.2      | 55.8      | 42.7    | 45.0     | 43.5     | 49.2     | 50.3    | 42.1     | 50.5     | 49.0     | 45.7    | 49.1    |
| TEMPERATURE OF THE AIR                   | 66.3                           | 66.3      | 65.2      | 52.6    | 54.7     | 53.4     | 58.5     | 54.7    | 47.0     | 55.4     | 53.4     | 49.6    | 54.0    |
| Mean                                     | 44.7                           | 50.0      | 49.9      | 33.5    | 36.2     | 34.4     | 40.6     | 46.7    | 37.7     | 45.2     | 44.9     | 41.6    | 43.6    |
| Mean of Highest readings                 | 83                             | 81        | 90        | 82      | 79       | 87       | 89       | 92      | 86       | 89       | 81       | 89      | 87      |
| Mean of Lowest readings                  | 0.06                           | 0.00      | 0.51      | 0.11    | 0.02     | 0.60     | 0.00     | 2.68    | 0.20     | 0.40     | 0.11     | 1.77    | 0.17    |
| Humidity of the Air                      | 42.4                           | 32.6      | 12.7      | 33.0    | 24.6     | 24.5     | 25.5     | 3.8     | 12.5     | 8.6      | 6.2      | 6.0     | 11.5    |
| Rain-fall in inches                      | Registered Sunshine (in hours) |           |           |         |          |          |          |         |          |          |          |         |         |

\*The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. F. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

### ES OF DEATH.

The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums, outside Registration London (see Table 5).

The figures in this column are the average weekly deaths for the ten years 1878-87, raised by 9.04 per cent. for increase of population. Ten years average could not be correctly ascertained, the average for the years 1871-87 has been used.

Small-box only are returned as "vaccinated" or as "unvaccinated" which are not registered medical men. When the cause is returned under the heading "no statement," it means that the cause of death is not certified by a registered medical man.

Deaths as infants is often used falsely to enable the Coroner to justify whether a violent death be the result of accident, murder, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS from ALL CAUSES, and from SMALL-POX, MEASLES, &amp;c. during the Week ending

| The DEATHS registered in the Week include                                   |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |   |
|---|---|--|--|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|---|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births<br>during the<br>Week. | Total<br>Deaths<br>during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |   |
|   |   |  |  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. |   |
| LONDON . . . . .  | 3,815,704   | 2644                                   | 1461                                   | 375                             | 276                                 | -          | 139      | 30             | 35          | 13              | 1       | 12                             | -                            | 19         | 62        | 120            | 3 |
| West Districts . . . . .  | 669,633   | 443                                    | 256                                    | 58                              | 53                                  | -          | 22       | 3              | 10          | 3               | 1       | 4                              | -                            | 3          | 9         | 23             | 1 |
| North Districts . . . . .   | 905,947   | 539                                    | 324                                    | 76                              | 64                                  | -          | 30       | 7              | 8           | 3               | -       | 6                              | -                            | 5          | 13        | 21             | 1 |
| Central Districts . . . . .   | 262,238   | 153                                    | 101                                    | 23                              | 12                                  | -          | 10       | -              | 1           | 1               | -       | -                              | -                            | -          | 7         | 13             | 1 |
| East Districts . . . . .  | 692,738   | 494                                    | 291                                    | 73                              | 58                                  | -          | 35       | 6              | 7           | -               | -       | -                              | -                            | 4          | 14        | 30             | 1 |
| South Districts . . . . .   | 1,265,148   | 935                                    | 477                                    | 140                             | 89                                  | -          | 42       | 12             | 9           | 6               | -       | 2                              | -                            | 7          | 19        | 33             | 1 |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION<br>LONDON . . . . . | -   | -                                      | 2                                      | -                               | -                                   | -          | -        | 2              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| West Districts.   |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |   |
| St. Mary Paddington WHH G.J. & W.M.   | 69888   | 56                                     | 31                                     | 4                               | 8                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 3              | 1 |
| St. John Paddington H - - G.J.  | 37380   | 13                                     | 12                                     | 3                               | 5                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Kensington Town WH - - W.M.   | 120141  | 59                                     | 45                                     | 14                              | 6                                   | -          | 7        | 1              | 2           | -               | -       | 2                              | -                            | 1          | 2         | 5              | 1 |
| Hendon H - - W.M. & C.  | 43010   | 16                                     | 14                                     | 1                               | 3                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Peter Hammersmith - - W.M.  | 7599  | 4                                      | 1                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Paul Hammersmith H W.M. & G.J.  | 64340   | 57                                     | 33                                     | 7                               | 7                                   | -          | 5        | -              | 1           | 1               | -       | -                              | -                            | 1          | 2         | 2              | 1 |
| Fulham WH - - W.M. & C.   | 42900   | 69                                     | 30                                     | 8                               | 2                                   | -          | 5        | 2              | 1           | -               | -       | -                              | -                            | -          | 2         | 2              | 1 |
| Chelsea South HHH - - C.  | 37396   | 24                                     | 12                                     | 4                               | 2                                   | -          | 1        | -              | -           | 1               | 1       | -                              | -                            | -          | -         | 2              | 1 |
| Chelsea North-west WHHHH - C.   | 21925   | 25                                     | 19                                     | 1                               | 5                                   | -          | 2        | -              | 1           | 1               | -       | -                              | -                            | -          | -         | 1              | 1 |
| Chelsea North-east - - C.   | 32897   | 29                                     | 5                                      | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| May Fair WW - - G.J.  | 30353   | 13                                     | 11                                     | 1                               | 5                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Belgrave WHHH - - C.  | 59220   | 26                                     | 12                                     | 4                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 2              | 1 |
| St. John Westminster HHH - C.   | 35496   | 23                                     | 12                                     | 4                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 1 |
| St. Margaret Westminster H - C.   | 24679   | 14                                     | 13                                     | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | - |
| St. James Westminster WHH N.R. & G.J.                                       | 29941   | 9                                      | 9                                      | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | - |
| St. Anne Soho HHHHHH - N.R.   | 16668   | 6                                      | 2                                      | -                               | -                                   | -          | 1        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | - |
| North Districts.  |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |   |
| All Souls Marylebone HHHH - W.M.  | 26769   | 17                                     | 20                                     | 2                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 6         | 7              | 1 |
| Canterbury Square HHHH - W.M.   | 14981   | 6                                      | 2                                      | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1 |
| Rectory Marylebone WH G.J. & W.M.   | 24890   | 14                                     | 5                                      | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118   | 32                                     | 5                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Christchurch Marylebone H - W.M.  | 33700   | 20                                     | 7                                      | 1                               | 1                                   | -          | 4        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | - |
| St. John Marylebone H - W.M.  | 33633   | 21                                     | 11                                     | 2                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Hampstead WHHHH N.R. & W.M.   | 45452   | 24                                     | 10                                     | 2                               | 2                                   | -          | -        | 2              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Regent's Park Pancras H - W.M.  | 39115   | 18                                     | 10                                     | 6                               | 3                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Tottenham-court WHHHH N.R. & W.M.   | 27729   | 15                                     | 20                                     | 2                               | 4                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Gray's Inn Lane HHH - N.R.  | 30247   | 18                                     | 9                                      | 2                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Spencers Town H - - N.R.  | 24369   | 31                                     | 13                                     | 4                               | 1                                   | -          | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | - |
| Canford Town WH - - N.R.  | 17811   | 7                                      | 9                                      | 1                               | 5                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | 2         | 3              | 1 |
| Canford Town W - - N.R.   | 87487   | 53                                     | 27                                     | 7                               | 6                                   | -          | 6        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | 3 |
| Upper Holloway WHWH - N.R.  | 67946   | 57                                     | 45                                     | 10                              | 9                                   | -          | 2        | 1              | 1           | -               | -       | -                              | -                            | 5          | 1         | 2              | 1 |
| Islington South-west HH - N.R.  | 100976  | 74                                     | 39                                     | 13                              | 7                                   | -          | 6        | 1              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | 4 |
| Islington South-east - - N.R.   | 61825   | 40                                     | 21                                     | 5                               | 2                                   | -          | 5        | 1              | -           | 2               | -       | -                              | -                            | -          | -         | -              | - |
| Highbury H - - N.R.   | 52048   | 31                                     | 7                                      | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | - |
| Stoke Newington H - - N.R.  | 22781   | 9                                      | 6                                      | 1                               | 3                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | - |
| Stamford Hill - - E.L.  | 9277  | 6                                      | 4                                      | -                               | -                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | - |
| West Hackney H - - N.R.   | 37610   | 18                                     | 11                                     | 1                               | 6                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Hackney WHWHH - E.L. & N.R.   | 76911   | 55                                     | 31                                     | 5                               | 5                                   | -          | 2        | 2              | 4           | -               | -       | 2                              | -                            | -          | 2         | 2              | 1 |
| South Hackney - - E.L.  | 39933   | 23                                     | 12                                     | 7                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| Central Districts.  |   |  |  |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |   |
| St. George Bloomsbury - - N.R.  | 16681   | 4                                      | 2                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Giles South WH - - N.R.   | 14864   | 18                                     | 19                                     | 4                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Giles North - - N.R.  | 18337   | 7                                      | 3                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | - |
| St. Martin-in-the-Fields HH N.R. & C.                                       | 17508   | 5                                      | 5                                      | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Mary-le-Strand H - - N.R.   | 7515  | 3                                      | 3                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Clement Danes H - - N.R.  | 8559  | 1                                      | 6                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | - |
| General Union Workhouse, Edmonton -   | -   | 1                                      | 1                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Geo. the Martyr HHHHHH N.R.   | 18671   | 19                                     | 6                                      | 3                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1              | - |
| St. Andrew Eastern W - - N.R.   | 10766   | 7                                      | 2                                      | 1                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Andrew Eastern W - - N.R.   | 6583  | 4                                      | 4                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Andrew Eastern W - - N.R.   | 17516   | 6                                      | 5                                      | 1                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Andrew Eastern W - - N.R.   | 19231   | 11                                     | 4                                      | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Andrew Eastern W - - N.R.   | 14773   | 11                                     | 4                                      | 2                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Andrew Eastern W - - N.R.   | 17506   | 7                                      | 9                                      | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | - |
| St. Andrew Eastern W - - N.R.   | 11541   | 13                                     | 2                                      | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Andrew Eastern W - - N.R.   | 18623   | 21                                     | 4                                      | 2                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Andrew Eastern W - - N.R.   | 6917  | 7                                      | 5                                      | 1                               | -                                   | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Andrew Eastern W - - N.R.   | 7463  | 2                                      | 3                                      | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | - |
| St. Andrew Eastern W - - N.R.   | -   | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| General Union Workhouse, Mitcham -  | -   | -                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Botolph H - - N.R. & E.L.   | 11174   | 8                                      | 2                                      | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Botolph H - - N.R.  | 7193  | -                                      | 2                                      | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Botolph H - - N.R.  | 5398  | 1                                      | 14                                     | 1                               | 1                                   | -          | -        | -              | -           | 1               | 1       | -                              | -                            | -          | 1         | 1              | - |
| St. Botolph H - - N.R.  | 8396  | 1                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |
| St. Botolph H - - N.R.  | 13666   | -                                      | 5                                      | -                               | 3                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | - |
| St. Botolph H - - N.R.  | 5592  | 2                                      | -                                      | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | - |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *W*—A Workhouse Establishment receiving inmates from other Districts than that in which the note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.*—G. & Junction Company; *W.M.*—West Middlesex; *C.*—Chelsea; *P.*—Southwark and Vauxhall; *L.*—Lambeth; *N.R.*—New River; *E.L.*—East London & Kent Company.

| REGISTRATION<br>SUB-DISTRICTS. |             | Enu-<br>mer-<br>ated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                      |                                  |            |           |                |
|--------------------------------|-------------|---|--|--|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------------|----------------------------------|------------|-----------|----------------|
|                                |             |   |  |  | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                      |                                  |            |           |                |
|                                |             |   |  |  | Infants under<br>Year of Age.             | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas<br>(or<br>Typhoid) Fever. | Stomach and<br>Intestinal Fever. | Diarrhoea. | Violence. | Inquest Cases. |
| EAST DISTRICTS.                |             |   |  |  |   |                                     |             |          |                |             |                 |         |                                      |                                  |            |           |                |
| Well Shoreditch                | N.R. & E.L. | 7376  | 4                                      | 6                                      | -   | -                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| Conard Shoreditch              | H.L.*       | 14967   | 10                                     | 8                                      | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | 2          | -         | -              |
| Old New Town W                 | -           | 22987   | 28                                     | 11                                     | 3   | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| Old Town                       | -           | 28636   | 25                                     | 4                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| Old Town WH                    | -           | 46275   | 51                                     | 19                                     | 6   | 6                                   | -           | 2        | -              | 1           | -               | -       | -                                    | 1                                | 2          | 2         | -              |
| ney-road H-                    | -           | 29738   | 21                                     | 11                                     | 2   | 2                                   | -           | 6        | -              | -           | -               | -       | -                                    | -                                | -          | 6         | -              |
| Bethnal Green WHL*             | -           | 47532   | 51                                     | 38                                     | 9   | 8                                   | -           | 5        | 2              | 1           | -               | -       | -                                    | -                                | -          | 1         | -              |
| Bethnal Green                  | -           | 29981   | 28                                     | 12                                     | 6   | -                                   | -           | 2        | -              | 1           | -               | -       | -                                    | -                                | 2          | 10        | -              |
| Bethnal Green                  | -           | 19810   | 14                                     | 12                                     | 4   | 1                                   | -           | 5        | -              | -           | -               | -       | -                                    | 1                                | 1          | -         | -              |
| Fields                         | -           | 22585   | 10                                     | 7                                      | 3   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| Old New Town W                 | -           | 15473   | 16                                     | 11                                     | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| Chapel Church H                | E.L. & N.R. | 17490   | 13                                     | 11                                     | 6   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | 7         | -              |
| nan's Fields                   | -           | 9713  | 2                                      | -                                      | -   | -                                   | -           | -        | -              | 1           | -               | -       | -                                    | 1                                | 4          | 5         | 15             |
| te                             | -           | 6102  | 4                                      | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| orge's, North                  | -           | 38747   | 58                                     | 10                                     | 3   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| hn, St. George East W          | -           | 8410  | 5                                      | 7                                      | 2   | 2                                   | -           | 1        | -              | -           | -               | -       | -                                    | 1                                | 1          | -         | -              |
| et! HH                         | -           | 10395   | 6                                      | 8                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | 3         | -              |
| ouse                           | -           | 16107   | 11                                     | 8                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | 4         | -              |
|                                | -           | 32041   | 25                                     | 8                                      | 4   | 3                                   | -           | -        | -              | 1           | -               | -       | -                                    | -                                | 1          | -         | -              |
| nd Old Town West               | -           | 37960   | 58                                     | 10                                     | 4   | 1                                   | -           | 2        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| nd Old Town East WWH           | -           | 67663   | 55                                     | 23                                     | 3   | 6                                   | -           | 4        | 1              | -           | -               | -       | -                                    | 1                                | 1          | -         | -              |
|                                | -           |   |  |  |   |                                     |             |          |                |             |                 |         |                                      |                                  |            |           |                |
| ey WHH                         | -           | 37074   | 25                                     | 12                                     | 4   | 2                                   | -           | 2        | -              | -           | -               | -       | -                                    | 1                                | 1          | 3         | -              |
| W WH                           | -           | 64269   | 51                                     | 34                                     | 8   | 7                                   | -           | 1        | 2              | -           | -               | -       | -                                    | 1                                | 2          | 5         | 16             |
|                                | -           | 56077   | 33                                     | 15                                     | 5   | 5                                   | -           | 1        | 1              | -           | -               | -       | -                                    | 1                                | 3          | 5         | 1              |
| SOUTH DISTRICTS.               |             |   |  |  |   |                                     |             |          |                |             |                 |         |                                      |                                  |            |           |                |
| Church Southwark WH            | L. & S.     | 12663   | 11                                     | 7                                      | 3   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| ious Southwark                 | -           | 14999   | 8                                      | 11                                     | 5   | -                                   | -           | 4        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| oad                            | -           | 21381   | 15                                     | 7                                      | 5   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| ch-road WH                     | -           | 16963   | 14                                     | 9                                      | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| ch-road HL                     | -           | 51318   | 18                                     | 12                                     | 1   | 3                                   | -           | -        | -              | -           | 1               | -       | -                                    | -                                | 1          | 1         | 5              |
| Newington                      | -           | 26612   | 17                                     | 12                                     | 7   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | 1          | 1         | -              |
| ry Walworth W                  | -           | 59555   | 42                                     | 21                                     | 6   | 5                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| ry Newington                   | -           | 21623   | 12                                     | 10                                     | 3   | 3                                   | -           | -        | -              | 1           | -               | -       | -                                    | -                                | 3          | -         | 2              |
| re WH                          | -           | 11956   | 6                                      | 15                                     | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | 1              |
| ry Market                      | -           | 11800   | 9                                      | 4                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| ry Magdalen W                  | -           | 15699   | 13                                     | 7                                      | 2   | 3                                   | -           | 1        | -              | -           | -               | 1       | -                                    | 1                                | 1          | 2         | 12             |
| nes Bermondsey                 | -           | 54638   | 29                                     | 15                                     | 5   | 2                                   | -           | -        | -              | -           | 1               | -       | -                                    | 1                                | 1          | 2         | -              |
| thite WH-                      | -           | 34024   | 42                                     | 15                                     | 2   | 1                                   | -           | 1        | 2              | -           | -               | -       | -                                    | 1                                | 1          | 2         | -              |
|                                | -           |   |  |  |   |                                     |             |          |                |             |                 |         |                                      |                                  |            |           |                |
| oo-road 1st H-                 | -           | 15195   | 11                                     | 7                                      | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| oo-road 2nd H-                 | -           | 16351   | 24                                     | 10                                     | 3   | 8                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| th Church 1st H                | -           | 13676   | 12                                     | 13                                     | 2   | 1                                   | -           | 1        | -              | 2           | 1               | -       | -                                    | -                                | 1          | 1         | -              |
| th Church 2nd WH               | -           | 58639   | 10                                     | 25                                     | 8   | 4                                   | -           | 3        | -              | -           | -               | -       | 2                                    | 1                                | 1          | 7         | 2              |
| gton 1st                       | -           | 45232   | 35                                     | 24                                     | 6   | 4                                   | -           | -        | -              | -           | -               | -       | -                                    | 1                                | 1          | 2         | 10             |
| gton 2nd                       | -           | 55832   | 20                                     | 5                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | 1                                | 1          | -         | -              |
| wo                             | -           | 62837   | 55                                     | 17                                     | 7   | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| d W                            | -           | 16017   | 15                                     | 6                                      | 2   | 2                                   | -           | -        | -              | 2           | -               | -       | -                                    | 1                                | 1          | 1         | -              |
| attersea                       | -           | 54675   | 51                                     | 16                                     | 8   | 2                                   | -           | 3        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| attersea WWH                   | -           | 51687   | 64                                     | 24                                     | 7   | 5                                   | -           | 6        | -              | -           | -               | -       | -                                    | 2                                | 3          | -         | -              |
| o H-                           | -           | 23800   | 13                                     | 8                                      | 1   | 2                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                                | 1          | 5         | -              |
| orth WHL                       | -           | 28004   | 15                                     | 12                                     | 4   | -                                   | -           | 1        | -              | 1           | -               | -       | -                                    | -                                | -          | 1         | 4              |
|                                | -           | 18235   | 4                                      | 2                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| am                             | -           | 25533   | 23                                     | 7                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | 1          | -         | -              |
| well WWH                       | -           | 5590  | 1                                      | 2                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| W                              | -           | 39104   | 43                                     | 20                                     | 5   | 10                                  | -           | 1        | -              | -           | 1               | -       | -                                    | 1                                | 1          | 8         | -              |
| re Camberwell                  | -           | 71089   | 47                                     | 20                                     | 3   | 6                                   | -           | 3        | 1              | -           | -               | -       | -                                    | 1                                | 1          | 1         | -              |
|                                | -           | 20810   | 47                                     | 10                                     | 4   | 1                                   | -           | 3        | -              | -           | -               | -       | -                                    | 1                                | 1          | -         | -              |
| Deptford WH                    | -           | 76752   | 62                                     | 17                                     | 12  | 1                                   | -           | -        | -              | -           | 1               | 1       | -                                    | -                                | -          | -         | -              |
| ch West H                      | -           | 7461  | 2                                      | 3                                      | 1   | -                                   | -           | -        | 4              | 1           | -               | -       | -                                    | 1                                | 1          | 6         | 1              |
| ch East WHH                    | -           | 21972   | 12                                     | 2                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
|                                | -           | 24608   | 50                                     | 22                                     | 5   | 8                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | 1          | -         | 1              |
| H                              | -           | 2048  | 3                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | 10        | -              |
| m WH                           | -           | 21559   | 14                                     | 5                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| m H                            | -           | 19865   | 22                                     | 4                                      | 1   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | 1          | -         | -              |
|                                | -           | 24076   | 17                                     | 10                                     | 3   | 6                                   | -           | -        | -              | -           | -               | -       | -                                    | 1                                | -          | 1         | -              |
| H                              | -           | 10930   | 7                                      | 3                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| h Dockyard                     | -           | 17617   | 16                                     | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| h Arsenal HH                   | -           | 19148   | 18                                     | 6                                      | 2   | 1                                   | -           | -        | 1              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| nd, West H                     | -           | 14009   | 8                                      | 1                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| nd, East W                     | -           | 15241   | 19                                     | 5                                      | 3   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| iton Asylum Hospitals:         | -           | -   | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| ford W                         | -           | -   | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| more Hill W                    | -           | -   | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |
| ton W                          | -           | -   | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                                | -          | -         | -              |

WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are inmates in the  
 able to be:-  
 Telephone Infirmary in Kensington Town sub-district.  
 London Sick Asylum in Tottenham Court-road sub-district.  
 Infirmary in Upper Holloway sub-district.  
 City Workhouse in Hackney sub-district.  
 Bethnal Green Workhouse in Bethnal Green sub-district.  
 Mile End Old Town Eastern sub-dist.  
 Mile End Old Town Western sub-dist.  
 Mile End Bromley sub-district.  
 Lunatic Asylums in which paupers are received.  
 Stepney Workhouse in Bromley sub-district.  
 Poplar & Stepney Sick Asylum.  
 Westminster Union Industrial School in West Battersea sub-district.  
 Strand and Holborn Workhouses outside Registration London.  
 Metropolitan Asylum District Hospitals in Finsbury, Hammersmith, Hack-  
 nery, Brixton, and St. Paul, Deptford sub-districts, and in Dartford,  
 Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during Week ending Saturday, 8th December, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>Inclu-<br>ding<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                  |             |          |                |             |                 |        |            |           |                |                                |
|---|--------------------------------|--|---|---------|---------|---|----------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|--------------------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                  | Deaths from |          |                |             |                 |        |            |           |                |                                |
|   |                                |  |   |         |         | Infants under 1 Year of Age.              | Persons aged 60 Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public Institutions. |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 850     | 303     | 83  | 74                               | -           | 12       | 4              | 9           | 4               | 4      | 1          | 8         | 17             | 34                             |
| 30: 1   | Carshalton wL -                | 12228  | 21118   | 6       | 5       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 4       | 2       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 37: 1   | Godstone (part of)* -          | 2754   | 1235  | -       | 1       | -   | -                                | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                              |
| 38: 1   | Croydon WwHHL -                | 20851  | 101241  | 62      | 29      | 6   | 6                                | -           | 1        | -              | -           | -               | -      | -          | 1         | 1              | 8                              |
| 2   | Mitcham w† -                   | 11637  | 17932   | 15      | 3       | 2   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 39: 1   | Wimbledon HHH -                | 3220   | 15950   | 18      | 2       | 1   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |
| 2   | Kingston WHH -                 | 8549   | 36354   | 16      | 10      | 2   | 4                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |
| 3   | Esher (part of)* -             | 6601   | 9221  | 5       | 1       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 4   | Hampton H -                    | 4573   | 13539   | 13      | 5       | -   | 3                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 40: 1   | Richmond WH -                  | 2372   | 21302   | 15      | 6       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 3                              |
| 2   | Mortlake -                     | 2911   | 12331   | 10      | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 41: 1   | Bromley (pt. of)* HH           | 15669  | 31142   | 31      | 3       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |
| 2   | Chislehurst (pt. of)* WHH      | 14207  | 15344   | 18      | 2       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 42: 1   | Bexley H -                     | 13437  | 24134   | 13      | 7       | 1   | 1                                | -           | -        | -              | 1           | -               | -      | -          | -         | -              | 1                              |
| 2   | Dartford (Ww, pts. of)* -      | -  | -   | -       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |
| 124: 1  | Sunbury w -                    | 11055  | 11685   | 3       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 2   | Staines W -                    | 13277  | 12089   | 12      | 3       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |
| 125: 1  | Hillingdon WHH -               | 6029   | 10302   | 5       | 3       | -   | -                                | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                              |
| 2   | Uxbridge -                     | 6178   | 3225  | 2       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 3   | Hayes wHL -                    | 14537  | 11523   | 4       | 6       | -   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 2                              |
| 126: 1  | Isleworth WHH -                | 7003   | 22737   | 15      | 7       | 3   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 1                              |
| 2   | Twickenham H -                 | 2477   | 12479   | 4       | 1       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 3   | Brentford HL -                 | 4345   | 27349   | 27      | 8       | 2   | 1                                | -           | -        | -              | -           | -               | -      | -          | 3         | 4              | -                              |
| 4   | Chiswick -                     | 1340   | 15975   | 14      | 3       | 2   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 5   | Acton wH -                     | 6083   | 22376   | 21      | 7       | 3   | 2                                | -           | -        | -              | -           | -               | -      | -          | 2         | 2              | -                              |
| 127: 1  | Harrow H -                     | 13909  | 12796   | 9       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |
| 2   | Edgware H -                    | 6994   | 3749  | 4       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 3   | Willenden -                    | 4383   | 27453   | 38      | 18      | 7   | 2                                | -           | 3        | -              | -           | 1               | -      | -          | -         | -              | -                              |
| 4   | Hendon W -                     | 8332   | 10434   | 10      | 8       | 1   | 3                                | -           | -        | 1              | -           | 2               | -      | -          | -         | -              | 3                              |
| 137: 1  | Bushy -                        | 9331   | 6621  | 3       | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 2   | Watford (W, pt. of)* -         | -  | -   | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 138: 1  | South Mimms -                  | 15599  | 6331  | 2       | 4       | -   | 4                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                              |
| 2   | Barnet -                       | 5433   | 10022   | 5       | 2       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                              |
| 3   | Finchley HL -                  | 4638   | 17615   | 12      | 10      | 2   | 4                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 7                              |
| 135: 1  | Hatfield (part of)* -          | 3806   | 533   | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 129: 1  | Hornsey H -                    | 3039   | 37078   | 29      | 12      | -   | 3                                | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                              |
| 2   | Tottenham H -                  | 4642   | 43453   | 66      | 27      | 8   | 5                                | -           | 2        | -              | 4           | -               | 3      | 1          | -         | -              | 1                              |
| 3   | Edmonton Ww† -                 | 7432   | 23433   | 20      | 9       | 3   | 2                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |
| 4   | Enfield WH -                   | 12653  | 19104   | 18      | 5       | 2   | 1                                | -           | 1        | 2              | -           | -               | -      | -          | -         | -              | -                              |
| 5   | Waltham Abbey -                | 11017  | 5368  | 4       | 2       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 6   | Cheshunt -                     | 8430   | 7735  | 6       | 1       | 1   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 136: 1  | Stratford -                    | 892  | 33805   | 27      | 7       | 5   | 1                                | -           | -        | -              | 1           | -               | -      | -          | -         | 1              | -                              |
| 2   | West Ham wwwwH‡ -              | 7351   | 101053  | 147     | 44      | 15  | 7                                | -           | 5        | -              | 1           | -               | 1      | -          | -         | -              | -                              |
| 3   | Leyton WwL -                   | 4372   | 32430   | 38      | 16      | 2   | 7                                | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | 3                              |
| 4   | Walthamstow H -                | 6590   | 28863   | 40      | 15      | 6   | 4                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 137: 1  | Chigwell (part of)* H          | 11761  | 9653  | 11      | 2       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                              |
| 2   | Epping (W, pt. of)* -          | -  | -   | -       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 139: 1  | Romford (part of)* W           | 6730   | 3411  | 8       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| 2   | Ilford -                       | 3493   | 7645  | 8       | -       | -   | -                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |
| -   | Barking Town -                 | 4127   | 9291  | 12      | 1       | -   | 1                                | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                              |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 30: 2, Epsom sub-district, except the parishes of Ashted and Headley (pop. 1235); 37: 1, the parishes of Warrington and Farley in Godstone sub-district; 39: 3, Esher sub-district, except the parish of Esher (pop. 1933); 41: 1, Bromley sub-district, except the parishes of Cadnam, Knockholt (pop. 1818); 41: 2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135: 1, the parish of Norton in Hatfield sub-district; 137: 1, Chiswell sub-district, except the parish of Theydon Bois (pop. 375); 139: 1, the parish of Bagenham in Romford sub-district; 42: 2, Dartford, 137: 2, Watford, and 137: 1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Ho born Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Wincemore Hill (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 8th December, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  |                                   |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 80<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |
|                           |  |  |   |                                       |                                  |   |  |             |          |                   |             |                     |        |            |           |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16  |  |                                   |
| ATER LONDON               | 448,334  | 5,527,886                                      | 16·7  | 2·7                                   | 1764                             | 458                                       | 350  | -           | 151      | 34                | 44          | 17                  | 17     | 20         | 70        | 336 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 17·8  | 3·0                                   | 1461                             | 375                                       | 276  | -           | 139      | 30                | 35          | 13                  | 13     | 19         | 62        | 302 |  |                                   |
| UTER RING -               | 370,924  | 1,244,965                                      | 12·7  | 1·4                                   | 303                              | 83  | 74   | -           | 12       | 4                 | 9           | 4                   | 4      | 1          | 8         | 34  |  |                                   |

RE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                          | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL RATE. per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                         |
|----------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|-------------------------------|--|
| CALCUTTA - -                     | 433,219                               | October 27                  | -                               | -       | -                             | -  |
| BOMBAY - -                       | 773,196                               | November 13                 | 330                             | 391     | 22·5                          | Fevers 119.  |
| MADRAS - -                       | 398,777                               | October 26                  | 317                             | 259     | 33·7                          | Cholera 8; fevers 62.                                  |
| PARIS - -                        | 2,260,945                             | December 1                  | 1092                            | 876     | 20·1                          | Sm.-pox 4; typhd. fev. 29; meas. 33; diph. & cp. 27.   |
| BRUSSELS - - (with 8 Faubourgs.) | 462,060                               | " 1                         | 260                             | 193     | 21·7                          | Measles 5; typ. & typhd. fev. 4; diph. 2.              |
| AMSTERDAM - -                    | 390,016                               | " 1                         | 294                             | 160     | 21·3                          | Diphtheria 4; measles 8; typhus & typhd. fev. 2.       |
| ROTTERDAM - -                    | 193,853                               | " 1                         | 129                             | 76      | 20·4                          | -  |
| THE HAGUE - -                    | 149,477                               | " 1                         | 111                             | 63      | 22·0                          | -  |
| COPENHAGEN - -                   | 300,000                               | November 27                 | 166                             | 120     | 20·9                          | Scar. fev. 7; diph. 7.                                 |
| STOCKHOLM - -                    | 221,549                               | " 24                        | 144                             | 65      | 15·3                          | Diphtheria and croup 6; scar. fev. 2.                  |
| CHRISTIANIA - -                  | 135,600                               | December 1                  | 85                              | 62      | 23·8                          | Diphtheria and croup 9; whooping-cough 4.              |
| ST. PETERSBURG - -               | 842,883                               | November 24                 | -                               | 410     | 25·4                          | Typhus & typhd. fev. 12; sc. fev. 10; diph. 9.         |
| BERLIN - -                       | 1,438,006                             | " 17                        | 885                             | 569     | 20·3                          | Diphtheria 29; meas. 8.                                |
| HAMBURG (State) - -              | 550,694                               | " 24                        | 403                             | 226     | 21·4                          | Diphtheria and croup 17; scar. fev. 5.                 |
| DRESDEN - -                      | 259,142                               | " 24                        | 152                             | 107     | 21·5                          | Diphtheria and croup 18.                               |
| BRESLAU - -                      | 313,451                               | December 1                  | 233                             | 160     | 27·1                          | Diphtheria 12.   |
| MUNICH - -                       | 275,000                               | November 24                 | 199                             | 170     | 32·1                          | Measles 5; diph. and croup 8.                          |
| VIENNA - -                       | 800,836                               | " 24                        | 466                             | 373     | 24·0                          | Diphtheria 11; meas. 3.                                |
| PRAGUE - -                       | 295,857                               | " 24                        | -                               | 148     | 26·1                          | Small-pox 10; diph. 8; measles 4.                      |
| BUDA-PESTH - -                   | 442,787                               | " 24                        | 281                             | 249     | 29·2                          | Diph. 5; croup 10; scar. fev. 4; typ. & typhd. fev. 7. |
| TRIESTE - -                      | 156,042                               | " 24                        | -                               | 78      | 26·0                          | Small-pox 4; diphtheria and croup 4.                   |
| ROME - -                         | 388,300                               | October 13                  | 239                             | 175     | 23·5                          | Typhd. fev. 8; malarial fever 12; diph. 3.             |
| TURIN (10 days) - -              | 294,826                               | November 10                 | 241                             | 183     | 23·3                          | Typhoid fever 3.                                       |
| VENICE - -                       | 150,502                               | " 17                        | 82                              | 68      | 23·6                          | Typd. fev. 2; diar. dis. 19.                           |
| CAIRO - -                        | 374,938                               | " 15                        | 504                             | 287     | 39·9                          | Typd. fv. 8; diar. dis. 108.                           |
| ALEXANDRIA - -                   | 231,396                               | " 15                        | 246                             | 179     | 40·4                          | Typd. fev. 4; diar. dis. 61.                           |
| NEW YORK - -                     | 1,493,000                             | " 17                        | -                               | 600     | 21·0                          | Scar. fev. 25; diph. 24.                               |
| BROOKLYN - -                     | 774,870                               | " 17                        | -                               | 296     | 19·2                          | Diph. 33; typhd. fev. 8.                               |
| PHILADELPHIA - -                 | 1,016,758                             | " 17                        | -                               | 354     | 18·2                          | Typhd. fev. 9; diph. 18.                               |
| BALTIMORE - -                    | 431,879                               | " 17                        | -                               | 138     | 16·7                          | Diph. 6; typhd. fev. 3.                                |



| No.  | Col. | S | . | 8 | 7 | 29-861 | 53-2 | 38-8 | 14-4 | 45-9 | + 3-1 | 38 | ELECTRICITY.                               |   |     |     | Fine gen-<br>Shower in | Generally |
|------|------|---|---|---|---|--------|------|------|------|------|-------|----|--|---|-----|-----|------------------------|-----------|
|      |      |   |   |   |   |        |      |      |      |      |       |    | (For explanation of<br>symbols, see Note.) | Registered Sun above<br>Horizon,<br>in hours. | 1-6 | 8-1 |                        |           |
| 7    | ..   |   |   |   |   | 29-896 | 43-5 | 35-6 | 12-9 | 43-7 | + 0-9 | 42 |  |   |     |     |                        |           |
| 8    | ..   |   |   |   |   | 29-910 | 54-0 | 43-6 | 10-4 | 49-1 | + 6-7 | 45 |  |   |     |     |                        |           |
| S    | .    |   |   |   |   |        |      |      |      |      |       |    |  |   |     |     |                        |           |
| Col. | .    | 3 | 4 | 5 | 6 | 7      | 8    | 9    | 10   |      |       |    |  |   |     |     |                        |           |

| DATE.          | ELECTRICITY.<br>(For explanation of<br>symbols, see Note.) | Registered<br>Sunshine,<br>in hours. | Sun above<br>horizon,<br>in hours. | GENERAL REMARKS.   |
|----------------|--|--------------------------------------|------------------------------------|--|
| 2<br>SUNDAY    |  | 1.6                                  | 8.1                                | Fine generally. Amount of cloud variable.<br>Showery in afternoon.   |
| 3<br>MONDAY    |  | 1.8                                  | 8.0                                | Generally cloudy. Mild. Bisk wind.   |
| 4<br>TUESDAY   |  | 0.4                                  | 8.0                                | Overcast in morning, with a little rain; fine with variable weather in afternoon; at night, and in the morning, misty rain fell at times. Very mild. |
| 5<br>WEDNESDAY | Instrument under adjustment.                               | 0.9                                  | 8.0                                | Overcast in morning; small amounts of cloud prevalent in afternoon and evening; overcast at night. Very mild.  |
| 6<br>THURSDAY  |  | 0.3                                  | 8.0                                | Overcast in morning; partially cloudy till evening; cloudless at night.  |
| 7<br>FRIDAY    |  | 6.3                                  | 7.9                                | Cloudless with slight exceptions throughout. A very fine day. Hoar frost at night.   |
| 8<br>SATURDAY  |  | 0.2                                  | 7.9                                | Fine and frosty in early morning; overcast throughout day. Foggy. Rain in evening.   |
|                |  | Sum 11.5                             | Sum 55.9                           |  |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

By Authority of the Registrar General.

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General Register Office, Somerset House,  
17th December, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 18·9 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending. |            |            |             | TOWNS.             | Weeks ending. |            |            |             |
|--------------|---------------|------------|------------|-------------|--------------------|---------------|------------|------------|-------------|
|              | Nov.<br>24.   | Dec.<br>1. | Dec.<br>8. | Dec.<br>15. |                    | Nov.<br>24.   | Dec.<br>1. | Dec.<br>8. | Dec.<br>15. |
| Birkenhead   | 18·2          | 19·3       | 13·0       | 23·5        | Liverpool -        | 21·1          | 23·5       | 23·6       | 24·0        |
| Birmingham   | 13·7          | 18·3       | 18·1       | 17·6        | London -           | 17·2          | 16·5       | 17·8       | 17·7        |
| Blackburn -  | 23·9          | 26·7       | 26·3       | 32·4        | Manchester -       | 25·2          | 21·2       | 21·8       | 24·1        |
| Bolton -     | 19·8          | 23·0       | 23·0       | 18·4        | Newcastle-on-Tyne* | 23·6          | 22·3       | 22·0       | 19·0        |
| Bradford*    | 19·1          | 14·3       | 16·6       | 17·9        | Norwich -          | 17·8          | 16·2       | 19·5       | 18·4        |
| Brighton -   | 16·5          | 13·5       | 20·9       | 13·9        | Nottingham -       | 17·2          | 13·8       | 18·5       | 19·7        |
| Bristol -    | 16·8          | 18·2       | 14·7       | 15·2        | Oldham -           | 22·7          | 25·7       | 22·3       | 21·5        |
| Cardiff*     | 26·4          | 27·9       | 29·8       | 25·0        | Plymouth -         | 19·5          | 19·5       | 24·8       | 17·5        |
| Derby -      | 9·8           | 16·8       | 9·2        | 17·9        | Portsmouth -       | 17·2          | 14·2       | 16·1       | 18·7        |
| Halifax -    | 24·7          | 21·5       | 18·2       | 11·7        | Preston -          | 21·2          | 18·2       | 14·7       | 21·2        |
| Huddersfield | 17·1          | 18·3       | 18·8       | 20·5        | Salford*           | 20·3          | 14·8       | 18·0       | 18·0        |
| Hull -       | 12·4          | 13·2       | 14·7       | 14·2        | Sheffield -        | 16·2          | 17·7       | 17·8       | 18·0        |
| Leeds -      | 21·8          | 20·8       | 20·2       | 22·9        | Sunderland -       | 18·6          | 17·4       | 13·1       | 16·2        |
| Leicester*   | 13·2          | 13·9       | 22·0       | 16·7        | Wolverhampton -    | 14·0          | 16·6       | 16·6       | 16·6        |

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·9 in London, 2·1 in Salford, 2·2 in Leeds and in Portsmouth, 2·6 in Oldham, 2·9 in Liverpool, 3·8 in Cardiff, and 4·4 in Blackburn; from *scarlet fever*, 1·1 in Derby, and 1·8 in Blackburn; from *whooping-cough*, 1·1 in Bradford, 1·3 in Birmingham, Leeds, and Blackburn, and 2·4 in Cardiff; and from "*fever*," 1·6 in Salford. The 53 deaths from *diphtheria* in the twenty-eight towns included 39 in London, 6 in Manchester, 3 in Liverpool, 2 in Salford, and 2 in Portsmouth. *Small-pox* caused one death in Hull, and one in Cardiff, but not one in London or in any of the twenty-five other great towns.

## LONDON.

In LONDON† 2291 BIRTHS and 1455 DEATHS were registered. Allowing for increase of population, the births were 452, and the deaths 404, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·5 and 17·8 in the two preceding weeks, were last week 17·7. During the first eleven weeks of the current quarter the death-rate averaged 18·5 per 1000, and was 2·1 below the mean rate in the corresponding periods of the ten years 1878-87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1455 deaths included 154 from measles, 17 from scarlet fever, 39 from diphtheria, 14 from whooping-cough, 18 from enteric fever, 11 from diarrhoea and dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 253 deaths were referred to these diseases, being 20 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 14. No small-pox patients were under treatment during the week in the Metropolitan Asylum Hospitals, and only one in the Highgate Small-pox Hospital. The death of an infant, aged 4 months, in Chelsea, was attributed to varicella. The fatal cases of *measles*, which had been 141 and 139 in the two preceding weeks, rose last week to 154, and exceeded the corrected weekly average by 97; 10 belonged to Pancras, 13 to Islington, 7 to St. Luke's, 9 to Shoreditch, 11 to Bethnal Green, 8 to Poplar, 11 to St. Saviour Southwark, 14 to Lambeth, 11 to Battersea, and 13 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 24 and 30 in the two preceding weeks, declined last week to 17, and were 31 below the corrected average; 2 belonged to Hackney, 2 to St. Luke's, 2 to Bethnal Green, and 2 to Poplar sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 880 scarlet fever patients, against numbers declining in the four preceding weeks from 980 to 922; 76 cases were admitted during the week, against 96 and 79 in the two previous weeks. The fatal cases of *diphtheria*, which had been 34 and 35 in the two previous weeks, further rose last week to 39 (including 5 cases admitted to hospital from outside Registration London), and exceeded the corrected average by 20; 2 belonged to Paddington, 4 to Kensington, 2 to St. Luke's, 7 to Lambeth, 7 to Wandsworth (including 5 in Clapham sub-district), and 2 to Camberwell sanitary areas. The 14 fatal cases of *whooping-cough* showed an increase of one upon the number in the previous week, but were 43 below the corrected average; 8 belonged to South London. The 11 deaths attributed to *diarrhoea* showed a further decline from the numbers in recent weeks, and were one below the corrected average.

The deaths referred to *enteric fever*, which had been 11 and 12 in the two previous weeks, further rose last week to 18, but were 3 below the corrected average; 2 belonged to Pancras, 2 to Hackney, 2 to Greenwich, and 2 to Lewisham sanitary areas. The Metropolitan Asylum Hospitals contained 74 cases of enteric fever, and one of typhus on Saturday last; 5 cases of enteric fever were admitted during the week, against 11, 7, and 8 in the three previous weeks.

The deaths referred to diseases of the respiratory organs, which had been 258 and 277 in the two preceding weeks further rose last week to 330, but were 211 below the corrected average.

Different forms of violence caused 40 deaths; 33 were the result of negligence or accident, among which were 10 from fractures and contusions, 7 from burns and scalds, 6 from drowning, and 6 of infants under one year of age from suffocation. The 10 deaths from fractures and contusions were thus caused:—1 by accident from vehicle in street; 1 by accident on railway; 2 by fall into barge; 1 by fall from boy's arms; 1 by fall in room; 2 by fall down stairs; 1 by fall of roof; and 1 by explosion of boiler. An inquest was held in each of these 10 cases. Five cases of suicide were registered, the corrected average being 7.

#### GREATER LONDON.

In Greater London 2891 births and 1817 deaths were registered, corresponding to annual rates of 27·3 and 17·2 per 1000 of the estimated population. In the Outer Ring 22 deaths from measles, and 5 from diphtheria were registered. The fatal cases of measles included 8 in West Ham and 4 in Croydon sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 30·14 ins.; the lowest reading was 29·89 ins. at the beginning of the week, and the highest 30·25 ins. at the end of the week. The mean temperature of the *air* was 33°·3, and 8°·8 below the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on each day of the week; the deficiency of temperature was 11°·7 on Monday, and 10°·3 both on Tuesday and on Thursday. The general direction of the *wind* was S.E., and the horizontal movement of the air averaged 4·6 miles per hour, which was 8·2 miles below the average in the corresponding weeks of 16 years. No rain was measured during the week. The duration of registered bright sunshine in the week was 3·8 hours, against 21·2 hours at Glynde Place, Lewes.

TABLE A.—BIRTHS, DEATHS, AND METEOROLOGICAL DATA FOR THE YEAR 1886.

| CITIES<br>AND<br>BOROUGH. | Cols. | Registered during<br>the Week ending<br>16th Dec., 1886. |      |                                      | The Deaths registered in the Week include |            |   |          |    |                   |    |             |    |                     | TEMPERATURE OF THE AIR.            |        |    |            |     |           |      |                |      |                                      | RAINFALL.  |                                  | CITIES<br>AND<br>BOROUGH. |                     |  |                                    |  |          |  |         |  |             |  |             |  |
|---------------------------|-------|--|------|--------------------------------------|---|------------|---|----------|----|-------------------|----|-------------|----|---------------------|------------------------------------|--------|----|------------|-----|-----------|------|----------------|------|--------------------------------------|------------|----------------------------------|---------------------------|---------------------|--|------------------------------------|--|----------|--|---------|--|-------------|--|-------------|--|
|                           |       | Population<br>estimated<br>to the<br>middle of<br>1886.  |      | Deaths<br>under<br>1 Year of<br>Age. | Deaths from                               |            |   |          |    |                   |    |             |    |                     | From All<br>Causes.                |        |    |            |     | Mean.     |      |                |      |                                      | In Inches. | In Cent.                         |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
|                           |       | 1.   | 2.   |                                      | Deaths from                               |            |   |          |    |                   |    |             |    |                     | From<br>Diseases in<br>Cols. 6-12. | Mean.  |    |            |     |           |      |                |      |                                      |            |                                  |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
|                           |       |  |      |                                      | Deaths from                               |            |   |          |    |                   |    |             |    |                     |                                    | Mean.  |    |            |     |           |      |                |      |                                      |            |                                  |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
|                           |       | BIRTHS.  |      | DEATHS.                              |   | Small-pox. |   | Measles. |    | Scarlet<br>Fever. |    | Diphtheria. |    | Whooping-<br>cough. |                                    | Fever. |    | Diarrhoea. |     | Violence. |      | Inquest Cases. |      | Deaths in<br>Public<br>Institutions. |            | Unidentified<br>Causes of Death. |                           | From All<br>Causes. |  | From<br>Diseases in<br>Cols. 6-12. |  | Highest. |  | Lowest. |  | Fahrenheit. |  | Centigrade. |  |
| 28 TOWNS*                 | -     | 9,398,273  | 5304 | 3397                                 | 751                                       | 728        | 2 | 274      | 53 | 53                | 73 | 47          | 37 | 105                 | 207                                | 596    | 70 | 18-9       | 3-0 | 52-5      | 24-4 | 36-0           | 2-22 | 0-17                                 | 0-43       | -                                | 28 TOWNS.                 |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| LONDON*                   | -     | 4,282,921  | 2201 | 1455                                 | 307                                       | 310        | - | 154      | 17 | 39                | 14 | 18          | 11 | 40                  | 86                                 | 353    | 13 | 17-7       | 3-1 | 45-0      | 24-8 | 33-3           | 0-72 | 0-00                                 | 0-00       | LONDON.                          |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| BRIGHTON                  | -     | 119,083  | 68   | 32                                   | 9   | 9          | - | -        | -  | 1                 | 1  | -           | -  | -                   | -                                  | 4      | 1  | 13-9       | 0-4 | 48-0      | 32-0 | 38-8           | 3-73 | 0-00                                 | 0-00       | BRIGHTON.                        |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| PORTSMOUTH                | -     | 139,575  | 101  | 50                                   | 8   | 15         | - | 6        | -  | 2                 | 1  | 1           | 1  | 1                   | 4                                  | 7      | -  | 13-7       | 3-7 | -         | -    | -              | -    | -                                    | -          | PORTSMOUTH.                      |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| NORWICH                   | -     | 83,675   | 72   | 33                                   | 9   | 16         | - | -        | -  | 2                 | 1  | 1           | -  | -                   | 3                                  | 2      | -  | 18-4       | 1-1 | -         | -    | -              | -    | -                                    | -          | NORWICH.                         |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| PLYMOUTH                  | -     | 77,674   | 40   | 26                                   | 11  | 3          | - | -        | 1  | -                 | -  | -           | -  | -                   | 4                                  | 3      | -  | 17-5       | 0-7 | 52-5      | 32-4 | 41-5           | 5-28 | 0-49                                 | 1-24       | PLYMOUTH.                        |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| BRISTOL                   | -     | 226,510  | 124  | 66                                   | 14  | 19         | - | 3        | -  | 2                 | -  | -           | 2  | 1                   | 4                                  | 10     | 2  | 15-2       | 1-6 | 46-8      | 24-4 | 35-0           | 1-67 | 0-67                                 | 1-70       | BRISTOL.                         |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| WOLVERHAMPTON             | -     | 81,601   | 26   | 28                                   | 7   | 8          | - | 2        | -  | 1                 | -  | -           | -  | -                   | 3                                  | 3      | 1  | 16-6       | 1-3 | 46-7      | 25-8 | 34-3           | 1-28 | 0-00                                 | 0-00       | WOLVERHAMPTON.                   |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| BIRMINGHAM                | -     | 447,012  | 249  | 151                                  | 37  | 29         | - | 2        | -  | 1                 | 11 | 1           | 3  | 11                  | 13                                 | 22     | 8  | 17-6       | 2-1 | -         | -    | -              | -    | -                                    | -          | BIRMINGHAM.                      |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| LEICESTER*                | -     | 146,700  | 84   | 47                                   | 25  | 8          | - | 5        | -  | 1                 | 1  | -           | -  | 1                   | 6                                  | 2      | 3  | 16-7       | 2-1 | -         | -    | -              | -    | -                                    | -          | LEICESTER.                       |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| NOTTINGHAM*               | -     | 230,421  | 142  | 87                                   | 28  | 13         | - | -        | 2  | -                 | 3  | -           | 2  | 2                   | 5                                  | 5      | 1  | 16-7       | 1-6 | 48-1      | 25-1 | 34-1           | 1-17 | 0-28                                 | 0-71       | NOTTINGHAM.                      |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| DERBY                     | -     | 96,241   | 44   | 33                                   | 7   | 11         | - | -        | 2  | -                 | -  | -           | -  | -                   | 1                                  | 7      | -  | 17-9       | 1-1 | -         | -    | -              | -    | -                                    | -          | DERBY.                           |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| BIRMINGHAM                | -     | 160,093  | 62   | 45                                   | 5   | 7          | - | 1        | -  | -                 | 1  | 1           | -  | -                   | 5                                  | 9      | -  | 23-5       | 1-6 | -         | -    | -              | -    | -                                    | -          | BIRMINGHAM.                      |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| LIVERPOOL                 | -     | 536,738  | 312  | 276                                  | 52  | 43         | - | 33       | 9  | 3                 | 8  | 2           | 4  | 13                  | 17                                 | 41     | 6  | 24-0       | 5-1 | 40-5      | 28-4 | 36-9           | 2-73 | 0-20                                 | 0-51       | LIVERPOOL.                       |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| BOLTON                    | -     | 113,506  | 73   | 40                                   | 8   | 7          | - | 2        | -  | -                 | -  | 2           | 1  | 3                   | 3                                  | 4      | -  | 18-4       | 2-3 | -         | -    | -              | -    | -                                    | -          | BOLTON.                          |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| MANCHESTER                | -     | 378,164  | 235  | 175                                  | 30  | 45         | - | 11       | 5  | 6                 | 1  | -           | 3  | 8                   | 15                                 | 34     | 9  | 24-1       | 3-6 | -         | -    | -              | -    | -                                    | -          | MANCHESTER.                      |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| SALFORD*                  | -     | 226,336  | 127  | 78                                   | 14  | 12         | - | 9        | 4  | 2                 | 2  | 7           | 1  | 1                   | 1                                  | 2      | 10 | 18-0       | 5-8 | -         | -    | -              | -    | -                                    | -          | SALFORD.                         |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| OLDHAM                    | -     | 138,220  | 86   | 57                                   | 12  | 11         | - | 7        | 1  | 1                 | 1  | 1           | -  | 1                   | 1                                  | 5      | 1  | 21-5       | 8-8 | -         | -    | -              | -    | -                                    | -          | OLDHAM.                          |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| BLACKBURN                 | -     | 119,039  | 87   | 74                                   | 21  | 11         | - | 10       | 4  | -                 | 3  | 1           | 2  | 2                   | 2                                  | 3      | 2  | 32-4       | 8-8 | -         | -    | -              | -    | -                                    | -          | BLACKBURN.                       |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| PRESTON                   | -     | 103,284  | 73   | 42                                   | 8   | 12         | - | -        | -  | -                 | -  | 1           | 2  | 2                   | 2                                  | 7      | 4  | 21-2       | 1-5 | -         | -    | -              | -    | -                                    | -          | PRESTON.                         |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| HUDDERSFIELD              | -     | 91,419   | 39   | 36                                   | 6   | 11         | - | -        | -  | -                 | 1  | -           | 2  | 1                   | 1                                  | 3      | 2  | 20-5       | 1-7 | -         | -    | -              | -    | -                                    | -          | HUDDERSFIELD.                    |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| HALIFAX                   | -     | 80,188   | 37   | 18                                   | 6   | 5          | - | -        | -  | -                 | -  | -           | 1  | -                   | -                                  | 1      | 2  | 11-7       | 0-7 | -         | -    | -              | -    | -                                    | -          | HALIFAX.                         |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| BRADFORD*                 | -     | 229,721  | 129  | 79                                   | 19  | 24         | - | -        | -  | -                 | 5  | 2           | -  | 1                   | 2                                  | 4      | 1  | 17-9       | 2-0 | 48-6      | 23-2 | 37-0           | 2-78 | 0-02                                 | 0-05       | BRADFORD.                        |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| LEEDS                     | -     | 351,210  | 217  | 154                                  | 28  | 31         | - | 15       | 1  | -                 | 9  | 3           | 2  | 5                   | 15                                 | 14     | 3  | 22-9       | 4-5 | -         | -    | -              | -    | -                                    | -          | LEEDS.                           |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| SHEFFIELD                 | -     | 321,711  | 189  | 111                                  | 23  | 27         | - | 4        | 5  | -                 | 1  | 3           | -  | 2                   | 2                                  | 11     | 4  | 18-0       | 2-1 | -         | -    | -              | -    | -                                    | -          | SHEFFIELD.                       |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| HULL                      | -     | 202,339  | 107  | 55                                   | 17  | 13         | 1 | -        | -  | -                 | -  | -           | -  | -                   | 4                                  | 4      | 6  | 14-2       | 0-3 | 45-0      | 25-0 | 35-1           | 1-72 | 0-05                                 | 0-13       | HULL.                            |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| SUNDERLAND                | -     | 131,910  | 73   | 41                                   | 11  | 8          | - | -        | 2  | -                 | 2  | 1           | -  | -                   | 3                                  | 6      | -  | 16-2       | 2-0 | -         | -    | -              | -    | -                                    | -          | SUNDERLAND.                      |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| NEWCASTLE*                | -     | 159,008  | 115  | 58                                   | 13  | 14         | - | -        | -  | -                 | -  | -           | -  | -                   | 3                                  | 9      | -  | 10-0       | 0-7 | 45-0      | 27-0 | 34-3           | 1-28 | 0-00                                 | 0-00       | NEWCASTLE.                       |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| CARDIFF*                  | -     | 108,570  | 57   | 52                                   | 16  | 6          | 1 | 8        | -  | -                 | 5  | 1           | -  | -                   | -                                  | 3      | 2  | 25-0       | 7-2 | -         | -    | -              | -    | -                                    | -          | CARDIFF.                         |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| EDINBURGH                 | -     | 262,753  | 142  | 71                                   | 9   | 23         | - | -        | 1  | 1                 | -  | -           | 2  | -                   | 9                                  | 15     | 18 | 14-1       | 0-8 | 46-3      | 30-4 | 38-7           | 3-72 | 0-29                                 | 0-74       | EDINBURGH.                       |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| GLASGOW                   | -     | 526,068  | 349  | 211                                  | 41  | 38         | - | 4        | 3  | 4                 | 2  | 2           | 3  | 9                   | 9                                  | 23     | 27 | 20-9       | 1-8 | 47-2      | 26-7 | 38-4           | 3-56 | 0-51                                 | 1-80       | GLASGOW.                         |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |
| DUBLIN                    | -     | 353,052  | 185  | 180                                  | 35  | 43         | - | 4        | 3  | 1                 | 2  | 3           | 1  | 4                   | 5                                  | 54     | 24 | 26-6       | 2-8 | 50-5      | 22-6 | 39-3           | 4-06 | 0-49                                 | 1-24       | DUBLIN.                          |                           |                     |  |                                    |  |          |  |         |  |             |  |             |  |

\* See note on first page of this Return.



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTIETH Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87,* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2397 | 2476 | 2480 | 2480 | 2569 | 2540 | 2614 | 2671 | 2415 | 2516 | 2743·4   | 2291 |
| Males . .           | 1263 | 1270 | 1268 | 1283 | 1320 | 1257 | 1319 | 1300 | 1238 | 1293 | 1406·8   | 1139 |
| Females .           | 1134 | 1206 | 1212 | 1197 | 1249 | 1283 | 1295 | 1281 | 1177 | 1223 | 1336·6   | 1152 |
| <b>TOTAL Deaths</b> | 1698 | 2132 | 1977 | 1636 | 1996 | 1722 | 1638 | 1725 | 1499 | 1625 | 1859·0   | 1455 |
| Males . .           | 877  | 1060 | 709  | 819  | 982  | 833  | 786  | 868  | 763  | 807  | 927·3  | 733  |
| Females .           | 821  | 1072 | 668  | 817  | 1014 | 889  | 852  | 857  | 736  | 818  | 931·7  | 722  |

\*The numbers in this column are the average weekly numbers in the fiftieth weeks of the ten years 1878-87, raised by 9·046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Sept.<br>22. | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. | Nov.<br>10. | Nov.<br>17. | Nov.<br>24. | Dec.<br>1. | Dec.<br>8. | Dec.<br>15. |      |      |     |
|--|--------------|--------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|------------|-------------|------|------|-----|
| <b>TOTAL Births</b>                      | -            | -            | 2463       | 2395        | 2413        | 2588        | 2459       | 2666        | 2373        | 2770        | 2606       | 2722       | 2367        | 2644 | 2291 |     |
| <b>TOTAL Deaths</b>                      | -            | -            | 1298       | 1314        | 1352        | 1536        | 1641       | 1737        | 1613        | 1520        | 1619       | 1409       | 1352        | 1461 | 1455 |     |
| 0—20                                     | -            | -            | 650        | 668         | 676         | 720         | 777        | 849         | 770         | 769         | 825        | 724        | 701         | 765  | 720  |     |
| 20—40                                    | -            | -            | 177        | 176         | 165         | 219         | 197        | 199         | 189         | 186         | 179        | 167        | 164         | 177  | 178  |     |
| 40—60                                    | -            | -            | 233        | 199         | 238         | 264         | 297        | 293         | 275         | 227         | 234        | 212        | 217         | 243  | 247  |     |
| 60—80                                    | -            | -            | 197        | 225         | 224         | 273         | 297        | 325         | 310         | 288         | 260        | 257        | 223         | 228  | 251  |     |
| at 60 years & upwds.                     | -            | -            | 41         | 46          | 49          | 60          | 73         | 71          | 69          | 50          | 71         | 49         | 47          | 48   | 59   |     |
| Deaths of children                       | {            | Under 1 year | -          | 385         | 395         | 370         | 388        | 397         | 423         | 383         | 400        | 377        | 342         | 327  | 375  | 307 |
|  | {            | 1—5          | -          | 184         | 185         | 208         | 263        | 277         | 329         | 297         | 281        | 332        | 292         | 288  | 296  | 314 |
|  | {            | 5—20         | -          | 81          | 88          | 98          | 69         | 103         | 97          | 90          | 88         | 116        | 90          | 86   | 94   | 99  |
| Deaths from Small-pox                    | -            | -            | -          | -           | -           | -           | 1          | 1           | -           | -           | -          | -          | -           | -    | -    |     |
| "    Measles                             | -            | -            | 32         | 30          | 39          | 50          | 80         | 100         | 88          | 109         | 124        | 133        | 141         | 139  | 154  |     |
| "    Scarlet fever                       | -            | -            | 20         | 22          | 24          | 30          | 33         | 25          | 24          | 18          | 31         | 20         | 24          | 30   | 17   |     |
| "    Diphtheria                          | -            | -            | 24         | 27          | 35          | 26          | 36         | 31          | 32          | 34          | 44         | 41         | 34          | 35   | 39   |     |
| "    Whooping-cough                      | -            | -            | 22         | 13          | 5           | 18          | 12         | 18          | 19          | 15          | 17         | 19         | 20          | 13   | 14   |     |
| "    Typhus                              | -            | -            | -          | -           | 1           | -           | -          | -           | -           | -           | -          | 1          | -           | 1    | -    |     |
| "    Enteric fever                       | -            | -            | 11         | 13          | 8           | 13          | 19         | 17          | 22          | 14          | 15         | 15         | 11          | 12   | 18   |     |
| "    Simple Cont'd fever                 | -            | -            | -          | -           | -           | 1           | 1          | 2           | -           | -           | -          | 1          | 1           | -    | -    |     |
| "    Diarrhoea and                       | -            | -            | -          | -           | -           | -           | -          | -           | -           | -           | -          | -          | -           | -    | -    |     |
| "    Dysentery                           | -            | -            | 78         | 77          | 72          | 43          | 42         | 30          | 34          | 18          | 16         | 18         | 13          | 19   | 11   |     |
| "    Cholera                             | -            | -            | 4          | -           | -           | 2           | -          | 1           | -           | -           | -          | -          | 1           | -    | -    |     |
| Deaths from the above-mentioned Diseases | -            | -            | 191        | 182         | 184         | 183         | 223        | 225         | 220         | 208         | 247        | 248        | 245         | 249  | 253  |     |
| "    Dis. of Respiratory System          | -            | -            | 179        | 213         | 239         | 311         | 364        | 522         | 441         | 373         | 374        | 287        | 253         | 277  | 330  |     |
| "    Phthisis                            | -            | -            | 146        | 117         | 150         | 175         | 180        | 157         | 149         | 126         | 152        | 132        | 136         | 144  | 160  |     |
| "    Dis. of Circulatory System          | -            | -            | 114        | 112         | 111         | 138         | 152        | 129         | 138         | 133         | 108        | 105        | 96          | 101  | 109  |     |
| Violent Deaths                           | -            | -            | 69         | 61          | 51          | 60          | 51         | 57          | 59          | 50          | 60         | 43         | 54          | 62   | 40   |     |
| Inquest Cases                            | -            | -            | 112        | 101         | 94          | 116         | 109        | 120         | 117         | 110         | 117        | 105        | 103         | 120  | 86   |     |
| Deaths in Public Institutions            | -            | -            | 293        | 325         | 307         | 346         | 367        | 395         | 369         | 346         | 371        | 311        | 311         | 302  | 353  |     |
| TEMPERATURE OF THE AIR                   | -            | -            | -          | -           | -           | -           | -          | -           | -           | -           | -          | -          | -           | -    | -    |     |
| Mean                                     | -            | -            | 57·2       | 55·8        | 42·7        | 45·0        | 43·5       | 49·2        | 50·3        | 42·1        | 50·5       | 49·0       | 45·7        | 49·1 | 33·3 |     |
| Mean of Highest readings                 | -            | -            | 66·3       | 65·2        | 52·6        | 54·7        | 53·4       | 58·5        | 54·7        | 47·0        | 55·4       | 53·4       | 49·6        | 54·0 | 38·8 |     |
| Mean of Lowest readings                  | -            | -            | 50·0       | 49·9        | 33·5        | 36·2        | 34·4       | 40·6        | 46·7        | 37·7        | 45·2       | 44·9       | 41·6        | 43·6 | 27·9 |     |
| Humidity of the Air                      | -            | -            | 81         | 90          | 82          | 79          | 87         | 89          | 92          | 86          | 89         | 81         | 89          | 87   | 93   |     |
| Rain-fall in inches                      | -            | -            | 0·00       | 0·51        | 0·11        | 0·02        | 0·00       | 0·00        | 2·68        | 0·20        | 0·40       | 0·11       | 1·77        | 0·17 | 0·00 |     |
| Registered Sunshine (in hours)           | -            | -            | 32·6       | 12·7        | 33·0        | 24·6        | 24·5       | 25·5        | 3·8         | 12·5        | 8·6        | 6·2        | 6·0         | 11·5 | 3·8  |     |

\*The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., I.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; E. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. Melandrosburgh, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTIETH Week of the Year 1888.

| CAUSES OF DEATH.   | Corrected Averages for the 50th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 15th December 1888. |      |       |                  |                  |                  |                       |      | CAUSES OF DEATH.  | Corrected Averages for the 50th Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 15th December 1888. |       |                  |                  |                  |                       |    |    |
|--|---|--|------|-------|------------------|------------------|------------------|-----------------------|------|---|---|--|-------|------------------|------------------|------------------|-----------------------|----|----|
|  |   | Deaths of Persons of the Ages                    |      |       |                  |                  |                  |                       |      |   |   | Deaths of Persons of the Ages                    |       |                  |                  |                  |                       |    |    |
|  |   | ALL AGES.  |      |       |                  |                  |                  |                       |      |   |   | ALL AGES.  |       |                  |                  |                  |                       |    |    |
|  |   | 0-1.   | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | 0-1. |   |   | 1-5.   | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |    |    |
| ALL CAUSES -   | 1859.0  | 1455   | 307  | 314   | 99               | 178              | 247              | 251                   | 53   | Diseases of Organs of Special Sense † - -                 | 2.8   | 1  | -     | -                | -                | 1                | -                     | -  | -  |
| Small-pox { Vaccinated † - -                               | 14.2  | -  | -    | -     | -                | -                | -                | -                     | -    | Diseases of Circulatory System - - -                      | 128.4   | 109  | 1     | 1                | 4                | 13               | 33                    | 42 | 10 |
| Unvaccinated - - -   |   | -  | -    | -     | -                | -                | -                | -                     | -    | Croup - - -   | 17.3  | 10   | -     | 10               | -                | -                | -                     | -  | -  |
| No Statement - - -   |   | -  | -    | -     | -                | -                | -                | -                     | -    | Bronchitis - - -  | 350.8   | 199  | 54    | 44               | 2                | 7                | 23                    | 57 | 7  |
| Measles - - -  | 57.2  | 154  | 23   | 121   | 10               | -                | -                | -                     | -    | Pneumonia - - -   | 117.2   | 84   | 20    | 32               | 9                | 4                | 10                    | 3  | 1  |
| Scarlet Fever - - -  | 48.2  | 17   | -    | 10    | 7                | -                | -                | -                     | -    | Pleurisy - - -  | 6.8   | 7  | -     | 2                | 1                | 1                | 1                     | 2  | -  |
| Erysipelas - - -   | 1.2   | -  | -    | -     | -                | -                | -                | -                     | -    | Other Diseases of Respiratory System - - -                | 48.7  | 80   | 5     | 5                | 1                | 1                | 11                    | 5  | 2  |
| Whooping-cough - -   | 0.0   | -  | -    | -     | -                | -                | -                | -                     | -    | Dentition † - - -   | 11.3  | 9  | 7     | 2                | -                | -                | -                     | -  | -  |
| Influenza - - -  | 0.1   | -  | -    | -     | -                | -                | -                | -                     | -    | Quinsy, Sore Throat † - -                                 | 1.9   | -  | -     | -                | -                | -                | -                     | -  | -  |
| Whooping-cough - -   | 57.4  | 14   | 4    | 10    | -                | -                | -                | -                     | -    | Enteritis - - -   | 6.5   | 5  | 1     | 1                | -                | 2                | 1                     | -  | -  |
| Diphtheria - - -   | 18.8  | 39   | 1    | 26    | 12               | -                | -                | -                     | -    | Peritonitis - - -   | 5.8   | 8  | -     | 1                | 3                | 1                | 3                     | -  | -  |
| Simple Continued and Ill-defined Fever - -                 | 2.3   | -  | -    | -     | -                | -                | -                | -                     | -    | Diseases of Liver - - -                                   | 30.2  | 28   | 1     | 1                | 1                | 4                | 8                     | 10 | 3  |
| Enteric Fever - - -  | 20.9  | 18   | -    | 1     | 8                | 6                | 2                | 1                     | -    | Other Diseases of Digestive System of - - -               | 29.8  | 30   | 8     | 1                | 4                | 5                | 7                     | 4  | 1  |
| Cholera - - -  | 0.1   | -  | -    | -     | -                | -                | -                | -                     | -    | Diseases of Lymphatic System & of Ductless Glands † - - - | 2.8   | -  | -     | -                | -                | -                | -                     | -  | -  |
| Diarrhoea, Dysentery                                       | 12.2  | 11   | 7    | 2     | -                | -                | 1                | 1                     | -    | Diseases of Urinary System - - -                          | 44.9  | 31   | 1     | -                | -                | 7                | 10                    | 11 | 2  |
| Intermittent Fever † -                                     | 0.4   | -  | -    | -     | -                | -                | -                | -                     | -    | Diseases of Generative System - - -                       | 7.0   | 5  | -     | -                | -                | 2                | 2                     | 1  | -  |
| Hydrophobia - - -  | 0.0   | -  | -    | -     | -                | -                | -                | -                     | -    | Accidents of Childbirth - - -                             | 3.7   | 4  | -     | -                | -                | 3                | 1                     | -  | -  |
| Glanders - - -   | 0.1   | -  | -    | -     | -                | -                | -                | -                     | -    | Diseases of Locomotive System † - - -                     | 8.3   | 9  | -     | -                | 4                | 1                | 1                     | 3  | -  |
| Scorbut and Effects of Vaccination † - -                   | 0.0   | -  | -    | -     | -                | -                | -                | -                     | -    | Diseases of Integumentary System - - -                    | 6.9   | 2  | -     | -                | -                | -                | 2                     | -  | -  |
| General Affections -                                       | 10.5  | 10   | 6    | -     | 1                | -                | 3                | -                     | -    | VIOLENT DEATHS. §   |   |  |       |                  |                  |                  |                       |    |    |
| Erysipelas - - -   | 8.6   | 6  | 1    | -     | 1                | -                | 3                | 1                     | -    | ACCIDENT.)  |   |  |       |                  |                  |                  |                       |    |    |
| Pymia and Septicæmia †                                     | 2.6   | 1  | -    | -     | 1                | -                | -                | -                     | -    | Fracture and Contusion - - -                              | 18.9  | 10   | 1     | 1                | 1                | 2                | 3                     | -  | 2  |
| Puerperal Fever - - -                                      | 7.2   | 3  | -    | -     | 3                | -                | -                | -                     | -    | Gunshot Wound - - -                                       | 0.2   | 1  | -     | -                | 1                | -                | -                     | -  | -  |
| Other Zymotic Diseases †                                   | 1.4   | 3  | 1    | 2     | -                | -                | -                | -                     | -    | Cut, Stab - - -   | 0.2   | -  | -     | -                | -                | -                | -                     | -  | -  |
| Thrush - - -   | 1.6   | 1  | 1    | -     | -                | -                | -                | -                     | -    | Burn and Scald - - -                                      | 6.8   | 7  | 2     | 3                | 1                | 1                | -                     | -  | -  |
| Worms and other Parasitical Diseases - - -                 | 0.3   | 1  | -    | -     | 1                | -                | -                | -                     | -    | Poison - - -  | 1.9   | -  | -     | -                | -                | -                | -                     | -  | -  |
| Starvation, Want of Breast-milk † - -                      | 1.1   | 2  | 2    | -     | -                | -                | -                | -                     | -    | Drowning - - -  | 3.7   | 6  | -     | -                | 4                | 1                | 1                     | -  | -  |
| Alcoholism - - -   | 3.6   | 6  | -    | -     | 3                | 1                | 2                | -                     | -    | Suffocation - - -   | 14.8  | 9  | 6     | -                | 1                | -                | 1                     | -  | -  |
| Rheumatic Fever, Rheumatism of Heart †                     | 9.0   | 16   | -    | 1     | 3                | 8                | 3                | 1                     | -    | Otherwise - - -   | 2.7   | -  | -     | -                | -                | -                | -                     | -  | -  |
| Rheumatism † - - -   | 4.4   | 2  | -    | -     | -                | -                | 1                | 1                     | -    | (HOMICIDE.)   |   |  |       |                  |                  |                  |                       |    |    |
| Gout - - -   | 2.7   | 4  | -    | -     | -                | -                | 2                | 2                     | -    | Murder & Manslaughter - - -                               | 1.4   | 2  | 1     | -                | -                | 1                | -                     | -  | -  |
| Rickets † - - -  | 2.1   | 5  | -    | 4     | 1                | -                | -                | -                     | -    | (SUICIDE.)  |   |  |       |                  |                  |                  |                       |    |    |
| Cancer - - -   | 51.3  | 58   | -    | -     | 4                | 25               | 27               | 2                     | -    | Gunshot Wound - - -                                       | 0.9   | -  | -     | -                | -                | -                | -                     | -  | -  |
| Typhoid, Typhus, Cholera, and other Zymotic Diseases - - - | 22.4  | 10   | 6    | 2     | 1                | 1                | -                | -                     | -    | Cut, Stab - - -   | 1.5   | 1  | -     | -                | -                | 1                | -                     | -  | -  |
| Tubercular Meningitis -                                    | 27.2  | 21   | 11   | 10    | -                | -                | -                | -                     | -    | Poison - - -  | 1.4   | 1  | -     | -                | -                | -                | 1                     | -  | -  |
| Phthisis - - -   | 176.8   | 160  | 5    | 3     | 17               | 72               | 53               | 10                    | -    | Drowning - - -  | 1.1   | 2  | -     | -                | -                | 2                | -                     | -  | -  |
| Scrophula, Tuberculosis -                                  | 13.5  | 11   | 2    | 6     | 2                | -                | 1                | -                     | -    | Hanging - - -   | 1.4   | 1  | -     | -                | -                | -                | -                     | 1  | -  |
| Other Constitutional Diseases †                            | 10.0  | 6  | -    | -     | -                | 1                | 2                | 2                     | 1    | Otherwise - - -   | 0.4   | -  | -     | -                | -                | -                | -                     | -  | -  |
| Premature Birth - - -                                      | 36.2  | 42   | 42   | -     | -                | -                | -                | -                     | -    | (EXECUTION.)  |   |  |       |                  |                  |                  |                       |    |    |
| Atelectasis † - - -  | 2.8   | 1  | 1    | -     | -                | -                | -                | -                     | -    | Hanging - - -   | 0.3   | -  | -     | -                | -                | -                | -                     | -  | -  |
| Congenital Malformations - - -                             | 7.0   | 4  | 3    | 1     | -                | -                | -                | -                     | -    | OTHER CAUSES † - -  | 60.1  | 52   | 44    | 3                | -                | 2                | 2                     | -  | 1  |
| Old Age - - -  | 63.6  | 35   | -    | -     | -                | -                | -                | 17                    | 18   |   |   |  |       |                  |                  |                  |                       |    |    |
| Apoplexy - - -   | 55.6  | 34   | -    | -     | -                | 3                | 11               | 15                    | 5    |   |   |  |       |                  |                  |                  |                       |    |    |
| Epilepsy - - -   | 7.3   | 4  | -    | -     | -                | 1                | -                | 3                     | -    |   |   |  |       |                  |                  |                  |                       |    |    |
| Convulsions - - -  | 45.0  | 34   | 31   | 3     | -                | -                | -                | -                     | -    |   |   |  |       |                  |                  |                  |                       |    |    |
| Other Diseases of Brain and Nervous System                 | 94.9  | 59   | 8    | 5     | 3                | 6                | 12               | 22                    | 3    |   |   |  |       |                  |                  |                  |                       |    |    |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).  
 \* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.043 per cent. for increase of population.  
 † As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.  
 ‡ Those cases of small-pox only are returned as "vaccinated," or as "unvaccinated," which are so certified by registered medical men. When the medical attendant does not certify that the disease has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, this case is returned under the heading "no statement."  
 § This column as in justice is often inserted to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, during the Week ending

| The DEATHS registered in the Week include               |   |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
|---|---|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|--|
| REGISTRATION<br>SUB-DISTRICTS.                          | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | Total<br>BIRTHS during the<br>Week. | Total<br>DEATHS during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
|   |   |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |
| LONDON . . . . .  | 3,815,704   | 2291                                | 1455                                | 307                             | 310                                 | -          | 154      | 17             | 39          | 14              | -       | 18                             | -                            | 11         | 40        | 88             | 353                               |  |
| WEST DISTRICTS . . . . .                                | 689,633   | 339                                 | 235                                 | 50                              | 56                                  | -          | 19       | 1              | 6           | 2               | -       | 3                              | -                            | -          | 5         | 9              | 60                                |  |
| NORTH DISTRICTS . . . . .                               | 905,947   | 470                                 | 277                                 | 44                              | 65                                  | -          | 32       | 7              | 4           | 3               | -       | 5                              | -                            | 1          | 8         | 15             | 74                                |  |
| CENTRAL DISTRICTS . . . . .                             | 382,238   | 140                                 | 113                                 | 23                              | 16                                  | -          | 11       | 2              | 7           | 1               | -       | -                              | -                            | -          | 3         | 5              | 32                                |  |
| EAST DISTRICTS . . . . .                                | 692,738   | 479                                 | 304                                 | 73                              | 66                                  | -          | 33       | 3              | 4           | -               | -       | 1                              | -                            | 5          | 15        | 34             | 87                                |  |
| SOUTH DISTRICTS . . . . .                               | 1,263,148   | 863                                 | 526                                 | 117                             | 107                                 | -          | 59       | 4              | 18          | 8               | -       | 9                              | -                            | 5          | 11        | 23             | 100                               |  |
| METROPOLITAN ASYLUM Hos-<br>PITALS OUTSIDE REGISTRATION | -   | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| LONDON . . . . .  | -   | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| WEST DISTRICTS.   |   |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
| St. Mary Paddington WHH G.J. & W.M.                     | 69834   | 50                                  | 23                                  | 5                               | 7                                   | -          | 2        | -              | 2           | 1               | -       | -                              | -                            | -          | -         | 3              | 1                                 |  |
| St. John Paddington H - - G.J.                          | 37380   | 6                                   | 8                                   | -                               | 3                                   | -          | -        | -              | -           | -               | -       | 2                              | -                            | -          | -         | -              | 5                                 |  |
| Kensington Town Ww - - W.M.                             | 120141  | 51                                  | 45                                  | 12                              | 15                                  | -          | 2        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 2              | 17                                |  |
| Brompton HH - - W.M. & C.                               | 48010   | 9                                   | 16                                  | 3                               | 1                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 5                                 |  |
| St. Peter Hammersmith - - W.M.                          | 7509  | 6                                   | 4                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Paul Hammersmith H W.M. & G.J.                      | 64340   | 42                                  | 26                                  | 10                              | 3                                   | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1                                 |  |
| Fulham Ww - - W.M. & C.                                 | 42900   | 56                                  | 27                                  | 7                               | 6                                   | -          | 2        | 1              | 2           | -               | -       | -                              | -                            | -          | -         | 1              | 9                                 |  |
| Chelsea South HH - - C.                                 | 83396   | 11                                  | 11                                  | 3                               | 1                                   | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Chelsea North-west WHHHHH - C.                          | 21115   | 15                                  | 13                                  | 2                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4                                 |  |
| Chelsea North-east - - C.                               | 32807   | 21                                  | 8                                   | 2                               | 3                                   | -          | 1        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | -                                 |  |
| May Fair WW - - G.J.                                    | 86533   | 4                                   | 5                                   | -                               | 3                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 |  |
| Belgrave WHH - - C.                                     | 59220   | 13                                  | 20                                  | 3                               | 4                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | 1         | 1              | 9                                 |  |
| St. John Westminster HHH - C.                           | 85496   | 13                                  | 11                                  | 1                               | 3                                   | -          | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Margaret Westminster H - C.                         | 24679   | 16                                  | 7                                   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 |  |
| St. James Westminster WHH N.R. & G.J.                   | 29941   | 11                                  | 6                                   | -                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 |  |
| St. Anne Soho HHHHHHH - N.R.                            | 18603   | 10                                  | 5                                   | 1                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| NORTH DISTRICTS.  |   |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
| All Souls Marylebone HHHH - W.M.                        | 26759   | 15                                  | 10                                  | 3                               | 2                                   | -          | 1        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | 3                                 |  |
| Cavendish Square HHHH - W.M.                            | 14891   | 2                                   | 4                                   | -                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Rectory Marylebone WH G.J. & W.M.                       | 24809   | 8                                   | 10                                  | 1                               | 5                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 5                                 |  |
| St. Mary Marylebone HHH G.J. & W.M.                     | 21115   | 23                                  | 4                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |  |
| Christchurch Marylebone H - W.M.                        | 33700   | 19                                  | 9                                   | 1                               | 3                                   | -          | 3        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | -                                 |  |
| St. John Marylebone H - W.M.                            | 33633   | 13                                  | 10                                  | 4                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |  |
| Hamstead WwvHHHH N.R. & W.M.                            | 45452   | 27                                  | 12                                  | 2                               | 4                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 |  |
| Regent's Park Paneras H - W.M.                          | 89115   | 16                                  | 10                                  | 1                               | 3                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |  |
| Tottenham-court WHHHH N.R. & W.M.                       | 27729   | 14                                  | 19                                  | -                               | 4                                   | -          | 2        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | 16                                |  |
| Gray's Inn Lane HHH - N.R.                              | 30247   | 19                                  | 10                                  | 3                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 2                                 |  |
| Somers Town H - N.R.                                    | 34369   | 17                                  | 8                                   | 1                               | -                                   | -          | 2        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | -                                 |  |
| Camden Town WH - N.R.                                   | 17311   | 6                                   | 6                                   | -                               | 3                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 |  |
| Kentish Town W - N.R.                                   | 87487   | 85                                  | 27                                  | 5                               | 5                                   | -          | 4        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |  |
| Upper Holloway WwvH - N.R.                              | 67946   | 37                                  | 32                                  | 5                               | 11                                  | -          | 3        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2              | 14                                |  |
| Islington South-west HH - N.R.                          | 100976  | 46                                  | 25                                  | 3                               | 5                                   | -          | 5        | 1              | 1           | -               | 1       | -                              | -                            | -          | 1         | 2              | 1                                 |  |
| Islington South-east - N.R.                             | 61826   | 36                                  | 19                                  | 5                               | 2                                   | -          | 5        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Highbury H - N.R.                                       | 52048   | 25                                  | 13                                  | 3                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 3              | -                                 |  |
| Stoke Newington H - N.R.                                | 22781   | 8                                   | 3                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | -              | -                                 |  |
| Stamford Hill - E.L.                                    | 9277  | 3                                   | 3                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| West Hackney - N.R.                                     | 37610   | 19                                  | 8                                   | 2                               | 1                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Hackney WwvH - E.L. & N.R.                              | 76911   | 55                                  | 34                                  | 3                               | 8                                   | -          | 2        | 6              | 1           | -               | -       | 1                              | -                            | -          | -         | 1              | 3                                 |  |
| South Hackney - E.L.                                    | 39383   | 27                                  | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| CENTRAL DISTRICTS.                                      |   |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |  |
| St. George Bloomsbury - N.R.                            | 16681   | 6                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Giles South WH - N.R.                               | 14864   | 6                                   | 14                                  | 5                               | 3                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4                                 |  |
| St. Giles North - N.R.                                  | 13837   | 2                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Martin-in-the-Fields HH N.R. & C.                   | 17509   | 5                                   | 7                                   | 1                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | 1              | 4                                 |  |
| St. Mary-le-Strand H - N.R.                             | 7515  | 3                                   | 2                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Clement Danes H - N.R.                              | 8559  | 2                                   | 6                                   | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 4                                 |  |
| Strand Union Workhouse, Edmonton w.                     | -   | -                                   | 1                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |  |
| St. Geo. the Martyr HHHHHHH N.R.                        | 18671   | 10                                  | 10                                  | 2                               | 1                                   | -          | 1        | 2              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 7                                 |  |
| St. Andrew Eastern W - N.R.                             | 10706   | 7                                   | 2                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Salfron Hill H - N.R.                                   | 6583  | 3                                   | 4                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. James Clerkenwell - N.R.                            | 17516   | 11                                  | 10                                  | 2                               | 1                                   | -          | 2        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Amwell Clerkenwell - N.R.                               | 19281   | 10                                  | 5                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |  |
| Pentonville - N.R.                                      | 14773   | 8                                   | 9                                   | 2                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 |  |
| Goosewell-street - N.R.                                 | 17506   | 16                                  | 3                                   | -                               | 1                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Old-street H - N.R.                                     | 11541   | 8                                   | 4                                   | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| City-road HHL - N.R.                                    | 18628   | 19                                  | 8                                   | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |  |
| Whitcross-street - N.R.                                 | 3217  | 9                                   | 8                                   | 1                               | -                                   | -          | 5        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 |  |
| Finsbury - N.R.   | 7463  | 2                                   | 1                                   | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Holborn Union Workhouse, Mitcham. w.                    | -   | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Botolph H - N.E. & E.L.                             | 11174   | 5                                   | 1                                   | -                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Cripplegate - N.R.                                      | 7193  | 2                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| St. Sepulchre H - N.R.                                  | 5358  | 1                                   | 11                                  | 1                               | 1                                   | -          | -        | -              | -           | 3               | -       | -                              | -                            | -          | -         | -              | 10                                |  |
| St. Bride W - N.R.                                      | 8396  | 3                                   | 3                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Aliballows Barking - N.R.                               | 13666   | 2                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |
| Broad Street H - N.R.                                   | 5632  | -                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |  |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: *W*—Workhouse; *H*—Hospital; *L*—Lunatic Asylum; *w*—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; *see* note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—*G.J.* signifies Grand Junction Company; *W.M.* West Middlesex; *C.* Chelsea; *N.* Southwark and Vauxhall; *L.* Lambeth; *N.R.* New River; *E.L.* East London and K. the Kent Company.

R, DIPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT day, the 15th December, 1888.

| REGISTRATION SUB-DISTRICTS. |             | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during<br>the<br>Week. | Total<br>Deaths during<br>the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                      |                              |           |           |                                   |
|-----------------------------|-------------|--|--|--|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------------|------------------------------|-----------|-----------|-----------------------------------|
|                             |             |  |  |  | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                      |                              |           |           |                                   |
|                             |             |  |  |  | Infants under 1<br>Year of Age.           | Persons aged 10<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Erysipelas<br>(or<br>Typhoid) Fever. | Simple con-<br>tinued fever. | Diarrhœa. | Violence. | Inquest Cases.                    |
|                             |             |  |  |  |   |                                     |             |          |                |             |                 |         |                                      |                              |           |           | Deaths in Public<br>Institutions. |
|                             |             |  |  |  |   |                                     |             |          |                |             |                 |         |                                      |                              |           |           | Uncertified Causes<br>of Death.   |
| <b>EAST DISTRICTS.</b>      |             |  |  |  |   |                                     |             |          |                |             |                 |         |                                      |                              |           |           |                                   |
| Well Shoreditch             | N.R. & E.L. | 7376   | 7                                      | 2                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Shoreditch                  | HL*         | 14967  | 6                                      | 2                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| New Town w                  | -           | 29887  | 20                                     | 14                                     | 4   | 3                                   | -           | 3        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Old Town                    | -           | 28036  | 21                                     | 10                                     | 6   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Stratton WH                 | N.R. & E.L. | 46276  | 60                                     | 29                                     | 3   | 8                                   | -           | 5        | -              | 2           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Key-road H                  | -           | 29738  | 12                                     | 15                                     | 3   | 3                                   | -           | 7        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Bethnal Green WHL*          | -           | 47989  | 47                                     | 23                                     | 3   | 9                                   | -           | 7        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Bethnal Green               | -           | 29981  | 22                                     | 12                                     | 2   | 2                                   | -           | 1        | 1              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Bethnal Green               | -           | 18810  | 18                                     | 9                                      | 5   | -                                   | -           | 2        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Helds                       | E.L. & N.R. | 22885  | 4                                      | 6                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| New Town W                  | -           | 16478  | 12                                     | 12                                     | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Chapel Church H             | E.L. & N.R. | 17490  | 12                                     | 12                                     | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Man's Fields                | -           | 3713   | 4                                      | 4                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| te                          | N.R. & E.L. | 6102   | 2                                      | 2                                      | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| George's North              | -           | 38747  | 28                                     | 10                                     | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| St. George East W           | -           | 8410   | 5                                      | 7                                      | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ell HH                      | E.L. & N.R. | 10965  | 7                                      | 12                                     | 3   | 1                                   | -           | -        | 1              | -           | -               | -       | 1                                    | -                            | -         | -         | -                                 |
| ouse                        | -           | 18107  | 15                                     | 6                                      | 1   | -                                   | -           | 3        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ouse                        | -           | 32041  | 6                                      | 8                                      | 2   | -                                   | -           | 1        | -              | 1           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| End Old Town West           | -           | 37960  | 25                                     | 11                                     | 5   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| End Old Town East WHH       | -           | 67683  | 47                                     | 28                                     | 8   | 13                                  | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ey wwhH                     | -           | 37074  | 29                                     | 15                                     | 6   | 1                                   | -           | 4        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| WWH                         | -           | 64559  | 62                                     | 36                                     | 8   | 8                                   | -           | 1        | 2              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| WWH                         | -           | 56077  | 33                                     | 22                                     | 7   | 2                                   | -           | 3        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| <b>SOUTH DISTRICTS.</b>     |             |  |  |  |   |                                     |             |          |                |             |                 |         |                                      |                              |           |           |                                   |
| Church Southwark WH         | L. & S.     | 18668  | 7                                      | 6                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Viour Southwark             | -           | 14699  | 4                                      | 12                                     | 4   | -                                   | -           | 6        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| oad                         | S. & L.     | 21281  | 14                                     | 8                                      | 4   | 1                                   | -           | 2        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| gh-road WH                  | -           | 15953  | 12                                     | 7                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| g-road HL                   | -           | 21318  | 9                                      | 9                                      | 3   | 2                                   | -           | -        | -              | 1           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Newington                   | -           | 26672  | 16                                     | 8                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| er Wallingford W            | -           | 59555  | 53                                     | 21                                     | 9   | 5                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| er Wallingford              | -           | 21623  | 17                                     | 7                                      | 1   | -                                   | -           | 1        | -              | -           | -               | -       | 1                                    | -                            | -         | -         | -                                 |
| ve WH                       | -           | 11956  | 12                                     | 16                                     | 5   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| er Market                   | -           | 16800  | 11                                     | 8                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ry Magdalen W               | -           | 15669  | 11                                     | 9                                      | -   | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| nes Bermondsey              | -           | 54683  | 34                                     | 18                                     | 4   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| hithe WH                    | -           | 56024  | 21                                     | 19                                     | 5   | 7                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| loo-road 1st H              | -           | 15105  | 7                                      | 8                                      | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| loo-road 2nd H              | -           | 16851  | 15                                     | 12                                     | 1   | 2                                   | -           | 2        | -              | -           | 1               | -       | -                                    | -                            | -         | -         | -                                 |
| th Church 1st H             | -           | 19676  | 16                                     | 16                                     | 3   | 2                                   | -           | -        | -              | 2           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| th Church 2nd WW            | -           | 39839  | 25                                     | 23                                     | 6   | 7                                   | -           | 2        | -              | 2           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ngton 1st                   | -           | 45239  | 22                                     | 12                                     | 4   | 4                                   | -           | 9        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ngton 2nd                   | -           | 38382  | 21                                     | 12                                     | 4   | 5                                   | -           | -        | -              | 1           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| g w                         | -           | 62337  | 43                                     | 20                                     | 10  | 1                                   | -           | -        | -              | 2           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| od W                        | -           | 19017  | 16                                     | 5                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Battersea                   | -           | 54675  | 52                                     | 16                                     | 4   | -                                   | -           | 6        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Battersea WHH               | -           | 52387  | 46                                     | 31                                     | 9   | 6                                   | -           | 6        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| W H                         | -           | 36880  | 19                                     | 11                                     | 1   | 2                                   | -           | -        | -              | 5           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Worth WHL                   | -           | 28004  | 31                                     | 15                                     | 4   | 5                                   | -           | 1        | 1              | 1           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| am                          | -           | 13235  | 6                                      | 2                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| am                          | -           | 25553  | 16                                     | 8                                      | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| h                           | -           | 5590   | 8                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| well W & L*                 | -           | 59104  | 39                                     | 37                                     | 6   | 11                                  | -           | 3        | -              | -           | 1               | -       | -                                    | -                            | -         | -         | -                                 |
| am W                        | -           | 71089  | 39                                     | 23                                     | 6   | 6                                   | -           | 3        | 1              | 1           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| orge Camberwell             | -           | 56610  | 42                                     | 21                                     | 3   | 2                                   | -           | 7        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| al Deptford w               | -           | 76752  | 52                                     | 28                                     | 3   | 2                                   | -           | 2        | 2              | 2           | -               | -       | 3                                    | -                            | -         | -         | -                                 |
| holas Deptford              | -           | 7901   | 2                                      | 2                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| leah West H                 | -           | 21972  | 12                                     | 6                                      | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| rich East WHH               | -           | 24608  | 14                                     | 18                                     | 1   | 9                                   | -           | -        | -              | -           | 1               | -       | 1                                    | -                            | -         | -         | -                                 |
| H                           | -           | 2643   | 3                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| Y                           | -           | 21559  | 17                                     | 4                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| am WH                       | -           | 19865  | 15                                     | 4                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| am H                        | -           | 26076  | 11                                     | 7                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| on H                        | -           | 10980  | 6                                      | 5                                      | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ch Dockyard                 | -           | 17617  | 8                                      | 3                                      | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ch Arsenal HH               | -           | 19248  | 10                                     | 11                                     | 4   | 1                                   | -           | 1        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ead, West H                 | -           | 14009  | 14                                     | 5                                      | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| ead, East W                 | -           | 12241  | 20                                     | 11                                     | -   | 4                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| oltan Asylum Hospitals:     | -           | -  | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| rtford w                    | -           | -  | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| chmore Hill w               | -           | -  | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |
| istow w                     | -           | -  | -                                      | -                                      | -   | -                                   | -           | -        | -              | -           | -               | -       | -                                    | -                            | -         | -         | -                                 |

Following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the Table by w:-

Elephone Infirmary in Kensington Town sub-district.

Local London Sick Asylum in Tottenham Court-road sub-district.

born Infirmary in Upper Holloway sub-district.

don City Workhouse Hackney sub-district.

don H - Boxton New Town sub-district.

ch Dockyard - Mile End Old Town Eastern sub-district.

ch Arsenal HH - Mile End Old Town Eastern sub-district.

ead, West H - and Premley sub-district.

ead, East W - and Premley sub-district.

oltan Asylum Hospitals:

rtford w

chmore Hill w

istow w

Private Lunatic Asylums in which paupers are received.

Stoney Workhouse in Bromley sub-district.

Poplar & Stepney Sick Asylum

Westminster Union Industrial School in West Battersea sub-district.

Strand and Holborn Workhouses outside Registration London.

Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during the Week ending Saturday, 15th December, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS. | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |                      |
|---|--------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|----------------------|
|   |                                |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |                      |
|   |                                |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unidentified Causes. |
| LONDON—OUTER RING   |                                | 370,924  | 950,957   | 600     | 362     | 107                                       | 79                                  | -           | 22       | 4              | 5           | 4               | 3      | 2          | 15        | 24             | 27                                |                      |
| 30:1  | Carshalton wL                  | 12228  | 21118   | 12      | 5       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 2   | Epsom (part of)* WwH           | 9971   | 10710   | 2       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 37:1  | Godstone (part of)*            | 2754   | 1235  | 1       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 38:1  | Croydon WwHHL                  | 20851  | 101241  | 59      | 29      | 11  | 7                                   | -           | 4        | -              | -           | -               | -      | -          | 2         | 3              | 5                                 |                      |
| 2   | Mitcham w†                     | 11697  | 17932   | 17      | 4       | -   | 2                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |                      |
| 39:1  | Wimbledon HHH                  | 8320   | 15950   | 11      | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                      |
| 2   | Kingston WHH                   | 8549   | 38351   | 16      | 13      | 3   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |                      |
| 3   | Esher (part of)*               | 6301   | 9221  | 7       | 2       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 4   | Hampton H                      | 4578   | 12339   | 4       | 4       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 40:1  | Richmond WH                    | 2272   | 21392   | 18      | 5       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |                      |
| 2   | Mortlake                       | 2911   | 12331   | 8       | 8       | 3   | -                                   | -           | -        | -              | 1           | -               | -      | -          | 2         | 2              | -                                 |                      |
| 41:1  | Bromley (pt. of)* HH           | 15349  | 31142   | 12      | 5       | -   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 2   | Chislehurst (pt. of)* WHH      | 14307  | 15844   | 10      | 5       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |                      |
| 42:1  | Bexley H                       | 13437  | 24134   | 13      | 10      | 4   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | -              | -                                 |                      |
| 2   | Dartford (Ww, pts. of)*        | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 124:1   | Sunbury w                      | 11055  | 11685   | 8       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | 1          | -         | -              | -                                 |                      |
| 2   | Staines W-                     | 13277  | 12089   | 3       | 6       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                      |
| 125:1   | Hillingdon WHH                 | 6029   | 10802   | 12      | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 2   | Uxbridge                       | 6178   | 3225  | 1       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 3   | Hayes wHL                      | 14597  | 11523   | 6       | 3       | -   | -                                   | -           | 2        | -              | -           | -               | -      | -          | -         | -              | 2                                 |                      |
| 126:1   | Isleworth WHH                  | 7003   | 23727   | 16      | 16      | 2   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | 4                                 |                      |
| 2   | Twickenham H-                  | 2477   | 12479   | 7       | 3       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 3   | Brentford HL                   | 4345   | 27349   | 13      | 17      | 8   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 4   | Chislewick                     | 1349   | 15975   | 7       | 5       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 5   | Acton wH                       | 6083   | 23876   | 11      | 7       | 4   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 127:1   | Harrow H-                      | 13939  | 13796   | 7       | 5       | 2   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                      |
| 2   | Edgware H                      | 6994   | 3749  | 1       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 3   | Willesden                      | 4383   | 27453   | 20      | 18      | 6   | -                                   | -           | 2        | -              | 1           | -               | -      | -          | 1         | 1              | -                                 |                      |
| 4   | Hendon W                       | 6382   | 10484   | 5       | 3       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                      |
| 127:1   | Bushey                         | 9331   | 6631  | 6       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 2   | Watford (W, pt. of)*           | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 128:1   | South Mimms                    | 15599  | 6331  | 5       | 4       | -   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 2   | Barnet                         | 5433   | 10092   | 2       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 3   | Finchley HL                    | 4638   | 17615   | 9       | 8       | 2   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 2                                 |                      |
| 135:1   | Hatfield (part of)*            | 3806   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 129:1   | Hornsey H-                     | 3039   | 37078   | 27      | 8       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 2         | 1              | -                                 |                      |
| 2   | Tottenham H                    | 4642   | 46463   | 46      | 22      | 6   | -                                   | -           | 1        | 1              | 1           | -               | 2      | 1          | -         | 1              | 2                                 |                      |
| 3   | Edmonton Ww†                   | 7433   | 23463   | 11      | 8       | 3   | 1                                   | -           | 1        | -              | -           | -               | 1      | -          | -         | -              | 1                                 |                      |
| 4   | Enfield WH                     | 12653  | 19104   | 22      | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 1                                 |                      |
| 5   | Waltham Abbey                  | 11017  | 5933  | 3       | 3       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 6   | Cheshunt                       | 8490   | 7735  | 7       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 136:1   | Stratford                      | 892  | 38606   | 23      | 14      | 4   | 6                                   | -           | -        | 1              | -           | 1               | -      | -          | 1         | 1              | -                                 |                      |
| 2   | West Ham wwwwH†                | 7351   | 101063  | 113     | 55      | 14  | 7                                   | -           | 6        | 1              | 1           | 2               | -      | -          | -         | 1              | -                                 |                      |
| 3   | Leyton WwL                     | 4372   | 32430   | 41      | 19      | 7   | 3                                   | -           | 1        | 1              | -           | -               | -      | -          | -         | -              | 3                                 |                      |
| 4   | Walthamstow H                  | 6530   | 28869   | 38      | 16      | 11  | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 3              | -                                 |                      |
| 137:1   | Chigwell (part of)* H          | 11761  | 9633  | 6       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                      |
| 2   | Epping (W, pt. of)*            | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 139:1   | Romford (part of)* W           | 6730   | 3411  | 3       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 2   | Ilford                         | 8493   | 7645  | 10      | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |
| 3   | Barking Town                   | 4127   | 3203  | 12      | 11      | 4   | -                                   | -           | 2        | -              | -           | -               | -      | -          | -         | -              | -                                 |                      |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 3:2, Epsom sub-district, except the parishes of Ashted and Hendley (pop. 1235); 37:1, the parishes of Warrington and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1933); 41:1, Bromley sub-district, except the parishes of Cadham and Knockholt (pop. 1918); 41:2, Chislehurst sub-district, except the parish of Chelsfield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 875); 139:1, the parish of Dagenham in Romford sub-district; 2:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouses and in Metropolitan Asylum Hospital, which were 1111 (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 15th December, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  |                                   |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16  |  |                                   |
| ATER LONDON               | 448,334  | 5,527,986                                      | 17·2  | 2·8                                   | 1817                             | 414                                       | 389  | -           | 176      | 21                | 44          | 18                  | 21     | 13         | 55        | 380 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 17·7  | 3·1                                   | 1455                             | 307                                       | 310  | -           | 154      | 17                | 39          | 14                  | 18     | 11         | 40        | 353 |  |                                   |
| UTER RING -               | 370,924  | 1,244,965                                      | 15·2  | 1·7                                   | 362                              | 107                                       | 79   | -           | 22       | 4                 | 5           | 4                   | 3      | 2          | 15        | 27  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14.933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                      | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                        |
|------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA                     | 433,219                               | October 27                  | -                               | 256     | 30.8                               | Fevers 70; cholera 46.                                |
| BOMBAY                       | 773,196                               | November 3                  | -                               | 234     | 28.1                               | Fevers 63; cholera 54.                                |
| MADRAS                       | 398,777                               | " 20                        | 359                             | 334     | 22.1                               | Fevers 118; cholera 2.                                |
| PARIS                        | 3,260,945                             | " 2                         | 285                             | 280     | 36.5                               | Fevers 69; cholera 5; diarr. dis. 49.                 |
| BRUSSELS (with 8 Faubourgs.) | 462,069                               | December 8                  | 1046                            | 942     | 21.7                               | Typhd. fev. 17; meas. 37; diph. & cp. 42; s.-pox 4.   |
| AMSTERDAM                    | 390,016                               | " 8                         | 251                             | 179     | 20.1                               | Measles 6; typ. & typhd. fever 3.                     |
| ROTTERDAM                    | 193,658                               | " 8                         | 262                             | 167     | 22.2                               | Measles 9; diphtheria 7; croup 3.                     |
| THE HAGUE                    | 149,477                               | " 8                         | 144                             | 87      | 23.3                               | -   |
| COPENHAGEN                   | 149,477                               | " 8                         | 111                             | 52      | 18.0                               | -   |
| COPENHAGEN                   | 300,000                               | " 4                         | 228                             | 99      | 17.2                               | Diphtheria 5; whooping-cough 2.                       |
| STOCKHOLM                    | 221,540                               | " 1                         | 129                             | 70      | 18.5                               | Scarlet fever 6; diphtheria and croup 3.              |
| CHRISTIANIA                  | 135,600                               | " 8                         | 54                              | 57      | 21.1                               | Diphtheria and croup 8.                               |
| ST. PETERSBURG               | 842,883                               | " 1                         | -                               | 458     | 28.4                               | Typhus & typhd. fev. 11; sc. fev. 16; diph. 10.       |
| BERLIN                       | 1,438,008                             | November 24                 | 834                             | 561     | 20.0                               | Diphtheria 27; meas. 11; scar. fev. 5.                |
| HAMBURG (State)              | 550,694                               | December 1                  | 354                             | 268     | 25.4                               | Diph. & croup 9; scarlet fever 3; diar. dis. 43.      |
| DRESDEN                      | 259,142                               | " 1                         | 140                             | 97      | 19.5                               | Diphtheria and croup 12.                              |
| BRISLAU                      | 313,451                               | " 8                         | 206                             | 162     | 27.4                               | Diphtheria 15; diarrhoeal diseases 16.                |
| MUNICH                       | 275,000                               | " 1                         | 201                             | 151     | 23.6                               | Diphtheria and croup 9; meas. 3; diar. dis. 19.       |
| VIENNA                       | 800,836                               | " 1                         | 477                             | 358     | 23.2                               | Diphtheria 11; scarlet fever 5.                       |
| PRAGUE                       | 295,857                               | " 1                         | -                               | 174     | 30.7                               | Small-pox 10; measles 6; diph. 5; scar. fev. 4.       |
| BUDA-PESTH                   | 442,787                               | " 1                         | 273                             | 236     | 27.7                               | Diph. 10; typh. & typhd. fever 10.                    |
| TRIESTE                      | 156,042                               | " 1                         | -                               | 74      | 24.7                               | Small-pox 5.  |
| ROME                         | 388,300                               | October 20                  | 224                             | 194     | 26.1                               | Typhd. fev. 12; malarial fev. 12; diar. dis. 21.      |
| TURIN (10 days)              | 294,826                               | November 20                 | 254                             | 170     | 21.1                               | Typhd. fev. 2; diph. 3; diar. dis. 25.                |
| VENICE                       | 150,502                               | " 24                        | 82                              | 59      | 20.5                               | Typhd. fev. 2; diar. dis. 11.                         |
| CAIRO                        | 374,338                               | " 22                        | 482                             | 330     | 45.9                               | Typhd. fev. 9; dip. & cp. 4; diarrhoeal diseases 111. |
| ALEXANDRIA                   | 231,396                               | " 22                        | 252                             | 188     | 42.4                               | Typhd. fev. 2; diar. dis. 43.                         |
| NEW YORK                     | 1,493,000                             | " 24                        | -                               | 621     | 21.7                               | Diph. 27; scar. fev. 26; typhoid fever 7.             |
| BROOKLYN                     | 774,870                               | " 24                        | -                               | 295     | 19.1                               | Diph. 22; typhd. fev. 6; whooping-cough 6.            |
| PHILADELPHIA                 | 1,016,768                             | " 24                        | -                               | 345     | 17.7                               | Diph. 9; typhd. fev. 9; scar. fev. 11.                |
| BALTIMORE                    | 431,879                               | " 24                        | -                               | 131     | 15.8                               | Diph. 6; typhd. fev. 6.                               |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 15th December, 1888.  
[Under the Superintendence of the Astronomer Royal.]

[illegible]

The height of the cistern of the barometer is 159 feet above the correction has been applied to the readings to reduce to sea level.

Corrosion has been applied to the remainings to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the

readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are

ye-readings of the barometer, one dry bulb thermometer, and the wet bulb thermometer, are

converted into mean daily values by the application of corrections deduced from a discussion

of the photographic records made during the twenty years ending 1873 for the barometer, and

With the corrected mean wind direction for the twenty years ending 1988 for the thermometers in the photographic record during the twenty years ending 1988 for the barometer, and

During the twenty years ending 1868 for the thermometers. With the corrected mean reading

if the dry bulb thermometer is combined the corrected mean of the readings of the maximum

and minimum thermometers forming the mean daily value of temperature of the air

and minimum thermometers, forming the mean daily value of temperature of the air

column 8). The mean daily dew point temperature and degree of humidity are deduced

the mean daily values of the dry and wet bulb thermometers by Gleisher's Hare-

from the mean daily values of the dry and wet bulb thermometers by Grainger's Hygro-

metrical Tables.

The average temperature of the air is that derived from a discussion of the photothermistic

The average temperature of the air is thus derived from a discussion of the photographic

records made at Greenwich during the 20 years ending 1868, and that of horizontal movement

of the air from a discussion of the anemometric records for the 16 years ending 1875.

of the art from a discussion of the antecedent records for the 10 years ending 1910.

In reading the columns 9 and 25 it will be borne in mind that + indicates "*higher*," and

—“lower” than the average.

over, than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below

the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and

the surface, at the end of one of the jacks of the rough screw mounted on Depford, and their needles are worked by the Clerk of the Market under instructions from the

their readings are registered by the Clerk of the Market, under instructions from the

Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer.

The record of Electricity is derived from Thomson's self-registering Electrometer. The

symbols employed are:—P. positive; N. negative; w. weak; m. moderate; s. strong; and

of many companies, are positive, as negative, and

A. VARIABLE.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show

the approximate duration of bright sunshine on each day.

the aggregate duration of flight sunrise on each day.

The results of all the meteorological observations are to be understood as applying to the

civil day, or from midnight to midnight.

the reading of the barometer increased from 99.20 in at the beginning of the week to 99.17 in civil day, or from morning to midnight.

## GENERAL REMARKS.

| DECEMBER. | symbols, see Note.) | in hours.  | in hours.   |   |
|-----------|---------------------|------------|-------------|---|
| SUNDAY    | 9                   | 0'0        | 7'9         | Cloudy, gloomy, and foggy in morning; cloudless afterwards. Foggy and frosty at night.                    |
| MONDAY    | 10                  | 0'0        | 7'9         | Hear frost in morning; foggy till evening; cloudless at night. Very cold.                                 |
| TUESDAY   | 11                  | 0'0        | 7'8         | Generally cloudy. Fog and hear frost in morning. Cold.  |
| WEDNESDAY | 12                  | 2'3        | 7'8         | A very fine day. Small amounts of light cloud prevailed till afternoon; cloudless afterwards. Hear frost. |
| THURSDAY  | 13                  | 1'0        | 7'8         | Hear frost in morning; partially cloudy and generally fine. A cold day.                                   |
| FRIDAY    | 14                  | 0'0        | 7'8         | Overcast. Variable fog. Damp and cold.  |
| SATURDAY  | 15                  | 0'0        | 7'8         | Overcast. Very damp, foggy day.   |
|           |                     | Sum<br>3'8 | Sum<br>54'8 |   |

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 51. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, DECEMBER 22. [Price 1½d.

General Register Office, Somerset House,  
24th December, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 22·2 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |            |             |             | TOWNS.             | Weeks ending |            |             |             |
|--------------|--------------|------------|-------------|-------------|--------------------|--------------|------------|-------------|-------------|
|              | Dec.<br>1.   | Dec.<br>8. | Dec.<br>15. | Dec.<br>22. |                    | Dec.<br>1.   | Dec.<br>8. | Dec.<br>15. | Dec.<br>22. |
| Birkenhead   | 19·3         | 13·0       | 23·5        | 20·9        | Liverpool - -      | 23·5         | 23·6       | 24·0        | 26·0        |
| Birmingham   | 18·3         | 18·1       | 17·6        | 22·0        | London - -         | 16·5         | 17·8       | 17·7        | 22·0        |
| Blackburn -  | 26·7         | 26·3       | 32·4        | 28·9        | Manchester -       | 21·2         | 21·8       | 24·1        | 25·0        |
| Bolton -     | 23·0         | 23·0       | 18·4        | 19·3        | Newcastle-on-Tyne* | 22·3         | 22·0       | 19·0        | 19·0        |
| Bradford*    | 14·3         | 16·6       | 17·9        | 19·5        | Norwich - -        | 16·2         | 19·5       | 18·4        | 24·0        |
| Brighton -   | 13·5         | 20·9       | 13·9        | 17·0        | Nottingham -       | 13·8         | 18·5       | 19·7        | 21·9        |
| Bristol -    | 18·2         | 14·7       | 15·2        | 20·5        | Oldham - -         | 25·7         | 22·3       | 21·5        | 23·0        |
| Cardiff*     | 27·9         | 29·8       | 25·0        | 32·2        | Plymouth - -       | 19·5         | 24·8       | 17·5        | 24·2        |
| Derby -      | 16·8         | 9·2        | 17·9        | 13·6        | Portsmouth -       | 14·2         | 16·1       | 18·7        | 17·2        |
| Halifax -    | 21·5         | 18·2       | 11·7        | 15·0        | Preston - -        | 18·2         | 14·7       | 21·2        | 24·3        |
| Huddersfield | 18·3         | 18·8       | 20·5        | 20·5        | Salford* - -       | 14·8         | 18·0       | 18·0        | 23·3        |
| Hull - -     | 13·2         | 14·7       | 14·2        | 18·1        | Sheffield - -      | 17·7         | 17·8       | 18·0        | 19·9        |
| Leeds -      | 20·8         | 20·2       | 22·9        | 21·2        | Sunderland -       | 17·4         | 13·1       | 16·2        | 26·5        |
| Leicester*   | 13·9         | 22·0       | 16·7        | 23·5        | Wolverhampton -    | 16·6         | 16·6       | 16·6        | 33·8        |

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 2·1 in Manchester and in Bristol, 2·2 in London, 3·0 in Oldham, 3·2 in Liverpool and in Salford, 3·5 in Blackburn, and 3·8 in Cardiff; from *scarlet fever*, 1·1 in Derby, 1·5 in Sheffield, and 2·2 in Blackburn; from *whooping-cough*, 2·0 in Preston, 2·2 in Blackburn, 2·3 in Birmingham, and 2·4 in Cardiff; and from "*fever*," 1·0 in Birkenhead, 1·1 in Norwich, 1·2 in Sunderland, and 2·0 in Plymouth. The 62 deaths from *diphtheria* in the twenty-eight towns included 39 in London, 8 in Manchester, 4 in Salford, and 2 in Nottingham. *Small-pox* caused no death in London, or in any of the twenty-seven other great towns.

## LONDON.

In LONDON† 2655 BIRTHS and 1802 DEATHS were registered. Allowing for increase of population, the births exceeded by 29, whereas the deaths were 45 below, the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 16·5, 17·8, and 17·7 in the three preceding weeks, rose last week to 22·0. During the first twelve weeks of the current quarter the death-rate averaged 18·8 per 1000, and was 1·9 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1802 deaths included 184 from measles, 25 from scarlet fever, 39 from diphtheria, 25 from whooping-cough, 12 from enteric fever, 16 from diarrhœa and dysentery, and not one from small-pox, typhus, ill-defined forms of fever, or cholera; thus, 301 deaths were referred to these diseases, being 61 above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 10. No small-pox patients were under treatment during the week in the Metropolitan Asylum Hospitals, and only one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 139 and 154 in the two preceding weeks, further rose last week to 184, and exceeded the corrected average by 124; 11 belonged to Marylebone, 14 to Pancras, 11 to Islington, 9 to St. Luke's, 13 to Bethnal Green, 26 to Lambeth, 12 to Battersea, and 12 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 30 and 17 in the two preceding weeks, rose again last week to 25, but were 22 below the corrected average; 3 (including 2 hospital cases admitted from 18, Bremen Street) belonged to Hackney, 4 to Bethnal Green, 3 to Mile End Old Town, 2 to Poplar, and 2 to Newington sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 793 scarlet fever patients, against numbers declining in the five preceding weeks from 980 to 880; 47 cases were admitted during the week, against 96, 79, and 76 in the three previous weeks. The fatal cases of *diphtheria*, which had been 35 and 39 in the two previous weeks, were again 39 last week, and exceeded the corrected average by 19; 2 belonged to Paddington, 3 to Kensington, 4 to Hammersmith, 2 to Hackney, 3 to Bethnal Green, 6 to Lambeth, 3 to Wandsworth, and 3 to Camberwell sanitary areas. The 25 fatal cases of *whooping-cough* showed a further increase upon the low numbers in the two preceding weeks, but were 40 below the corrected average; 14 belonged to South London, including 5 to Camberwell sanitary area. The 16 deaths attributed to *diarrhœa* also showed an increase upon the low number in the previous week, and exceeded the corrected average by 2.

The deaths referred to *enteric fever*, which had been 11, 12, and 18 in the three previous weeks, declined again last week to 12, and were 9 below the corrected average; 2 belonged to Hammersmith, and 2 to Lambeth sanitary areas. The Metropolitan Asylum Hospitals contained 75 cases of enteric fever, and not one of typhus on Saturday last; 6 cases of enteric fever were admitted during the week, against numbers declining from 11 to 5 in the four preceding weeks.

The deaths referred to diseases of the respiratory organs, which had been 258, 277, and 330 in the three preceding weeks further rose to 440, but were 86 below the corrected average.

Different forms of violence caused 81 deaths; 72 were the result of negligence or accident, among which were 25 from fractures and contusions, 12 from burns and scalds, 3 from poison, and 22 of infants under one year of age from suffocation. The 25 deaths from fractures and contusions were thus caused:—3 by accidents from vehicles in street; 3 by accidents on railways; 1 by kick from bullock; 1 by fall from roof; 1 by fall from window; 2 by fall into ship's hold; 2 (1 intoxicated) by fall down stairs; 1 by fall from bed; 1 by fall into pail; 1 by fall at birth; 3 (1 intoxicated) by fall, the nature of which was not stated; 1 by fall of floor; 1 by fall of wood; 1 by injury, the cause of which was not stated; and 3 by fracture, cause not stated. An inquest was held in each of these 25 cases except in 2 of the last 3. Eight cases of suicide were registered, the corrected average being 7.

A woman, described as an annuitant and the widow of a house painter, died on 16th instant in Chapter Terrace, Newington, her age being stated to be 100 years.

#### GREATHER LONDON.

In Greater London 3491 births and 2207 deaths were registered, corresponding to annual rates of 33·0 and 20·8 per 1000 of the estimated population. In the Outer Ring 20 deaths from measles, and 6 from diphtheria were registered. The fatal cases of measles included 7 in West Ham and 4 in Willesden sub-districts. Three deaths were referred to "fever" in Tottenham and 2 in Enfield sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·67 ins.; the highest reading was 30·32 ins. on Sunday morning, and the lowest 28·81 ins. on Saturday morning. The mean temperature of the air was 40°·4, and 0°·4 above the average in the corresponding weeks of the 20 years ending 1868. The mean was considerably below the average on Sunday, Monday, and Tuesday, but showed an excess during the remainder of the week. The direction of the *wind* was variable, and the horizontal movement of the air averaged 9·5 miles per hour, which was 3·4 miles below the average in the corresponding weeks of 16 years. *Rain* fell on two days of the week, to the aggregate amount of 0·13 of an inch. The duration of registered bright sunshine in the week was 6·2 hours, against 5·7 hours at Glynde Place, Lewes.

TABLE 1.—BIRTHS, DEATHS, AND METEOROLOGY IN 28 GREAT TOWNS, during the Week ending 22nd December, 1888.

| CITIES<br>AND<br>BOROUGHES. | POPULATION<br>estimated<br>to the<br>middle of<br>1888. | Registered during<br>the Week ending<br>22nd Dec., 1888. |         |                                    | The DEATHS registered in the Week include |                                    |            |          |                   |             |                     |          |           |                                      | TEMPERATURE OF THE AIR.        |                     |                                  |          |                                  |             |             |      |            |                      | RAINFALL.      |  | CITIES<br>AND<br>BOROUGHES. |
|-----------------------------|---|--|---------|------------------------------------|---|------------------------------------|------------|----------|-------------------|-------------|---------------------|----------|-----------|--------------------------------------|--------------------------------|---------------------|----------------------------------|----------|----------------------------------|-------------|-------------|------|------------|----------------------|----------------|--|-----------------------------|
|                             |   | BIRTHS.  | DEATHS. | Infants under<br>1 Year of<br>Age. | Deaths of                                 |                                    | Small-pox. | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Typhoid. | Violence. | Deaths in<br>Public<br>Institutions. | Unrecorded<br>Causes of Death. | From All<br>Causes. |                                  |          | From<br>Diseases<br>(Colic, &c.) |             | Mean.       |      | In Inches. | In Centi-<br>metres. |                |  |                             |
|                             |   |  |         |                                    | Persons aged<br>60 Years<br>and upwards.  | Persons under<br>1 Year of<br>Age. |            |          |                   |             |                     |          |           |                                      |                                | From All<br>Causes. | From<br>Diseases<br>(Colic, &c.) | Highest. | Lowest.                          | Fahrenheit. | Centigrade. |      |            |                      |                |  |                             |
| Cols.                       | 1.  | 2.   | 3.      | 4.                                 | 5.  | 6.                                 | 7.         | 8.       | 9.                | 10.         | 11.                 | 12.      | 13.       | 14.                                  | 15.                            | 16.                 | 17.                              | 18.      | 19.                              | 20.         | 21.         | 22.  | 23.        | 24.                  | Cols.          |  |                             |
| 28 TOWNS*                   | 9,398,273   | 5677   | 3956    | 915                                | 889                                       | -                                  | 316        | 57       | 62                | 108         | 42                  | 36       | 169       | 313                                  | 658                            | 94                  | 22.2                             | 3.4      | 54.5                             | 25.0        | 41.1        | 5.06 | 0.24       | 0.61                 | - 28 TOWNS.    |  |                             |
| LONDON*                     | 4,282,921   | 2655   | 1802    | 390                                | 431                                       | -                                  | 184        | 25       | 39                | 25          | 12                  | 10       | 81        | 154                                  | 395                            | 26                  | 22.0                             | 3.7      | 51.7                             | 26.4        | 40.4        | 4.67 | 0.13       | 0.33                 | LONDON.        |  |                             |
| BRIGHTON                    | 119,983   | 50   | 39      | 8                                  | 16  | -                                  | -          | -        | -                 | -           | -                   | -        | -         | -                                    | -                              | 3                   | 17.0                             | 0.4      | 50.5                             | 28.3        | 42.0        | 5.56 | 0.27       | 0.69                 | BRIGHTON.      |  |                             |
| PORTSMOUTH                  | 139,575   | 95   | 46      | 8                                  | 11  | -                                  | 3          | -        | -                 | -           | -                   | -        | 2         | 4                                    | 6                              | -                   | 17.2                             | 1.5      | -                                | -           | -           | -    | -          | -                    | PORTSMOUTH.    |  |                             |
| NORWICH                     | 98,675  | 50   | 43      | 11                                 | 15  | -                                  | -          | -        | -                 | -           | -                   | -        | 3         | 4                                    | 1                              | 24.2                | 2.7                              | 54.5     | 31.5                             | 44.9        | 7.17        | 0.61 | 1.55       | NORWICH.             |                |  |                             |
| PLYMOUTH                    | 77,674  | 37   | 36      | 10                                 | 9   | -                                  | -          | -        | -                 | -           | -                   | -        | 3         | 3                                    | 38                             | 3                   | 20.5                             | 3.2      | 51.2                             | 25.0        | 41.0        | 5.00 | 0.45       | 1.14                 | PLYMOUTH.      |  |                             |
| BRISTOL                     | 226,510   | 129  | 89      | 14                                 | 28  | -                                  | 9          | -        | 1                 | 1           | 1                   | 1        | 3         | 3                                    | 4                              | 33.8                | 1.3                              | 48.3     | 26.0                             | 39.1        | 3.94        | 0.35 | 0.89       | BRISTOL.             |                |  |                             |
| WOLVERHAMPTON               | 81,691  | 47   | 53      | 15                                 | 14  | -                                  | -          | -        | -                 | -           | -                   | -        | 1         | 1                                    | 3                              | 4                   | 33.8                             | 1.3      | 48.3                             | 26.0        | 39.1        | 3.94 | 0.35       | 0.89                 | WOLVERHAMPTON. |  |                             |
| BIRMINGHAM                  | 447,912   | 254  | 189     | 41                                 | 38  | -                                  | 6          | 1        | 1                 | 20          | 1                   | 4        | 8         | 13                                   | 25                             | 5                   | 2.0                              | 3.7      | -                                | -           | -           | -    | -          | -                    | BIRMINGHAM.    |  |                             |
| LEICESTER*                  | 146,790   | 116  | 66      | 24                                 | 14  | -                                  | 2          | -        | 1                 | 1           | 1                   | 1        | 2         | 4                                    | 9                              | 9                   | 23.5                             | 1.1      | -                                | -           | -           | -    | -          | -                    | LEICESTER.     |  |                             |
| NOTTINGHAM*                 | 230,921   | 116  | 97      | 23                                 | 28  | -                                  | 1          | -        | 2                 | 8           | 3                   | 1        | 2         | 4                                    | 8                              | 3                   | 21.9                             | 3.4      | 48.6                             | 25.2        | 39.1        | 3.94 | 0.04       | 0.16                 | NOTTINGHAM.    |  |                             |
| DERBY                       | 46,241  | 59   | 25      | 6                                  | 5   | -                                  | 2          | -        | 1                 | 3           | 2                   | 1        | 3         | 7                                    | 6                              | 6                   | 13.6                             | 2.1      | -                                | -           | -           | -    | -          | -                    | DERBY.         |  |                             |
| BIRKENHEAD                  | 100,093   | 57   | 40      | 7                                  | 7   | -                                  | 2          | -        | 1                 | 3           | 2                   | 1        | 3         | 7                                    | 6                              | 6                   | 20.9                             | 3.6      | -                                | -           | -           | -    | -          | -                    | BIRKENHEAD.    |  |                             |
| LIVERPOOL                   | 549,738   | 303  | 209     | 73                                 | 39  | -                                  | 37         | 6        | 1                 | 5           | 5                   | 1        | 12        | 16                                   | 41                             | 14                  | 19.3                             | 4.8      | 50.1                             | 26.3        | 42.2        | 5.67 | 0.09       | 0.23                 | LIVERPOOL.     |  |                             |
| ROTON                       | 113,566   | 73   | 42      | 10                                 | 8   | -                                  | 2          | -        | -                 | -           | -                   | -        | -         | 3                                    | -                              | -                   | 0.9                              | 0.9      | -                                | -           | -           | -    | -          | -                    | ROTON.         |  |                             |
| MANCHESTER                  | 78,164  | 242  | 181     | 34                                 | 38  | -                                  | 15         | 3        | 8                 | 4           | 2                   | 1        | 16        | 25                                   | 45                             | 6                   | 25.0                             | 4.6      | -                                | -           | -           | -    | -          | -                    | MANCHESTER.    |  |                             |
| SALFORD*                    | 226,336   | 126  | 101     | 20                                 | 10  | -                                  | 14         | 2        | 4                 | 1           | 1                   | 5        | 4         | 6                                    | 11                             | 5                   | 23.3                             | 6.1      | -                                | -           | -           | -    | -          | -                    | SALFORD.       |  |                             |
| OLDHAM                      | 138,920   | 85   | 61      | 18                                 | 8   | -                                  | 8          | -        | 1                 | 1           | 1                   | 1        | 3         | 6                                    | 5                              | 5                   | 23.0                             | 3.8      | -                                | -           | -           | -    | -          | -                    | OLDHAM.        |  |                             |
| BLACKBURN                   | 119,039   | 62   | 66      | 16                                 | 10  | -                                  | 8          | 5        | 1                 | 5           | 1                   | -        | 1         | 4                                    | 7                              | 7                   | 23.9                             | 3.8      | -                                | -           | -           | -    | -          | -                    | BLACKBURN.     |  |                             |
| PRESTON                     | 103,234   | 75   | 48      | 17                                 | 14  | -                                  | 8          | 1        | 1                 | 4           | 1                   | -        | 2         | 4                                    | 2                              | 2                   | 24.3                             | 2.5      | -                                | -           | -           | -    | -          | -                    | PRESTON.       |  |                             |
| HUDDESFIELD                 | 91,419  | 39   | 36      | 6                                  | 4   | -                                  | 3          | 1        | 1                 | 1           | -                   | -        | 2         | 2                                    | 2                              | 2                   | 20.5                             | 2.9      | -                                | -           | -           | -    | -          | -                    | HUDDESFIELD.   |  |                             |
| HAULFAX                     | 80,138  | 41   | 23      | 5                                  | 11  | -                                  | -          | -        | -                 | -           | -                   | -        | -         | 1                                    | -                              | 1                   | 15.0                             | 0.0      | -                                | -           | -           | -    | -          | -                    | HAULFAX.       |  |                             |
| BRADFORD*                   | 226,721   | 130  | 86      | 17                                 | 17  | -                                  | 2          | -        | -                 | 3           | 1                   | -        | 4         | 4                                    | 6                              | 4                   | 19.5                             | 1.4      | 51.2                             | 29.5        | 42.2        | 5.67 | 0.14       | 0.36                 | BRADFORD.      |  |                             |
| LEEDS                       | 351,210   | 207  | 143     | 43                                 | 22  | -                                  | 7          | 2        | 1                 | 9           | 1                   | 1        | 7         | 12                                   | 14                             | 14                  | 21.2                             | 3.0      | -                                | -           | -           | -    | -          | -                    | LEEDS.         |  |                             |
| SHEFFIELD                   | 321,711   | 189  | 123     | 29                                 | 30  | -                                  | 4          | 9        | 1                 | 7           | 1                   | 1        | 2         | 8                                    | 8                              | 4                   | 19.9                             | 3.6      | -                                | -           | -           | -    | -          | -                    | SHEFFIELD.     |  |                             |
| HULL                        | 202,359   | 113  | 70      | 16                                 | 16  | -                                  | -          | -        | -                 | -           | -                   | 1        | 3         | 5                                    | 13                             | 5                   | 18.1                             | 0.5      | -                                | -           | -           | -    | -          | -                    | HULL.          |  |                             |
| SUNDERLAND                  | 131,919   | 95   | 67      | 23                                 | 18  | -                                  | -          | -        | 1                 | 3           | 3                   | -        | 1         | 3                                    | 3                              | 6                   | 28.5                             | 2.4      | -                                | -           | -           | -    | -          | -                    | SUNDERLAND.    |  |                             |
| NEWCASTLE*                  | 169,003   | 96   | 58      | 12                                 | 17  | -                                  | -          | -        | 1                 | 2           | 3                   | -        | 1         | 1                                    | 3                              | 6                   | 19.0                             | 0.7      | 48.0                             | 30.0        | 39.3        | 4.06 | 0.18       | 0.18                 | NEWCASTLE.     |  |                             |
| CARDIFF*                    | 108,570   | 66   | 67      | 19                                 | 11  | -                                  | 8          | -        | 1                 | 5           | 1                   | -        | 3         | 5                                    | 6                              | 1                   | 32.2                             | 6.7      | -                                | -           | -           | -    | -          | -                    | CARDIFF.       |  |                             |
| EDINBURGH                   | 262,753   | 129  | 82      | 17                                 | 19  | -                                  | -          | -        | -                 | 1           | -                   | 2        | 4         | 4                                    | 14                             | 19                  | 16.3                             | 0.6      | 53.1                             | 30.0        | 42.3        | 5.72 | 0.15       | 0.38                 | EDINBURGH.     |  |                             |
| GLASGOW                     | 526,088   | 346  | 239     | 52                                 | 27  | -                                  | 5          | 4        | 4                 | 9           | 2                   | 3        | 7         | 9                                    | 33                             | 16                  | 22.7                             | 2.7      | 53.3                             | 31.9        | 43.7        | 6.50 | 0.47       | 1.19                 | GLASGOW.       |  |                             |
| DUBLIN                      | 353,082   | 168  | 209     | 56                                 | 57  | -                                  | 3          | 1        | 1                 | 7           | 5                   | 1        | 12        | 13                                   | 54                             | 26                  | 30.9                             | 2.7      | 54.8                             | 26.3        | 41.7        | 5.39 | 1.04       | 2.64                 | DUBLIN.        |  |                             |



TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTY-FIRST Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected Weekly Average in 10 Years 1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 2578 | 2594 | 2059 | 2467 | 2728 | 2579 | 2631 | 1965 | 2075 | 2406 | 2626.0   | 2655 |
| Males               | 1328 | 1291 | 1024 | 1223 | 1456 | 1307 | 1329 | 1057 | 1040 | 1200 | 1335.8   | 1368 |
| Females             | 1255 | 1303 | 1035 | 1244 | 1272 | 1272 | 1302 | 908  | 1035 | 1206 | 1290.2   | 1287 |
| <b>TOTAL Deaths</b> | 2133 | 2204 | 1242 | 1655 | 2019 | 1609 | 1595 | 1408 | 1570 | 1502 | 1846.9   | 1802 |
| Males               | 1041 | 1080 | 635  | 793  | 955  | 828  | 823  | 720  | 748  | 732  | 915.4  | 887  |
| Females             | 1092 | 1124 | 607  | 862  | 1024 | 781  | 772  | 688  | 822  | 770  | 931.5  | 915  |

\* The numbers in this column are the average weekly numbers in the fifty-first weeks of the ten years 1878-87, raised by 0.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  |                  | Sept.<br>29. | Oct.<br>6. | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. | Nov.<br>10. | Nov.<br>17. | Nov.<br>24. | Dec.<br>1. | Dec.<br>8. | Dec.<br>15. | Dec.<br>22. |
|--|------------------|--------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|------------|-------------|-------------|
| <b>TOTAL Births</b>                      | - -              | 2395         | 2413       | 2588        | 2459        | 2666        | 2373       | 2770        | 2606        | 2722        | 2367       | 2644       | 2391        | 2655        |
| <b>TOTAL Deaths</b>                      | - -              | 1314         | 1352       | 1536        | 1641        | 1737        | 1613       | 1520        | 1619        | 1409        | 1352       | 1461       | 1455        | 1802        |
| 0-20                                     | - -              | 663          | 676        | 720         | 777         | 849         | 770        | 769         | 825         | 724         | 701        | 765        | 720         | 888         |
| 20-40                                    | - -              | 176          | 165        | 219         | 197         | 199         | 189        | 186         | 179         | 167         | 164        | 177        | 178         | 197         |
| 40-60                                    | - -              | 199          | 238        | 264         | 297         | 293         | 275        | 227         | 234         | 212         | 217        | 243        | 247         | 236         |
| 60-80                                    | - -              | 225          | 224        | 273         | 297         | 325         | 310        | 288         | 260         | 257         | 223        | 228        | 251         | 356         |
| at 80 years & upwds.                     | - -              | 46           | 49         | 60          | 73          | 71          | 69         | 50          | 71          | 49          | 47         | 43         | 59          | 75          |
| Deaths of children                       | { Under 1 year - | 395          | 370        | 388         | 397         | 423         | 383        | 400         | 377         | 342         | 327        | 375        | 307         | 390         |
|  | { 1-5 -          | 185          | 208        | 263         | 277         | 329         | 297        | 281         | 332         | 292         | 288        | 296        | 314         | 375         |
|  | { 5-20 -         | 88           | 98         | 69          | 103         | 97          | 90         | 88          | 116         | 10          | 86         | 91         | 99          | 123         |
| Deaths from Small-pox                    | -                | -            | -          | -           | -           | 1           | -          | -           | -           | -           | -          | -          | -           | -           |
| " " Measles                              | -                | 10           | 39         | 50          | 10          | 100         | 88         | 109         | 124         | 133         | 141        | 139        | 154         | 184         |
| " " Scarlet fever                        | -                | 22           | 24         | 30          | 33          | 25          | 24         | 18          | 31          | 20          | 24         | 30         | 17          | 25          |
| " " Diphtheria                           | -                | 27           | 35         | 26          | 36          | 31          | 32         | 34          | 44          | 41          | 34         | 35         | 39          | 39          |
| " " Whooping-cough                       | -                | 13           | 5          | 18          | 12          | 18          | 19         | 15          | 17          | 19          | 20         | 13         | 14          | 25          |
| " " Typhus                               | -                | -            | 1          | -           | -           | -           | -          | -           | -           | 1           | -          | 1          | -           | -           |
| " " Enteric fever                        | -                | 13           | 8          | 13          | 19          | 17          | 22         | 14          | 15          | 15          | 11         | 12         | 18          | 12          |
| " " Simple Cont'd fever                  | -                | -            | -          | 1           | 1           | 2           | -          | -           | -           | 1           | 1          | -          | -           | -           |
| " " Diarrhoea and Dysentery              | - }              | 77           | 72         | 43          | 42          | 30          | 34         | 13          | 16          | 18          | 13         | 19         | 11          | 16          |
| " " Cholera                              | -                | -            | -          | 2           | -           | 1           | -          | -           | -           | -           | 1          | -          | -           | -           |
| Deaths from the above-mentioned Diseases | }                | 182          | 184        | 183         | 223         | 225         | 220        | 208         | 247         | 248         | 245        | 249        | 253         | 301         |
| " " Dis. of Respiratory System           | }                | 213          | 239        | 311         | 364         | 522         | 441        | 373         | 374         | 287         | 258        | 277        | 330         | 440         |
| " " Phthisis                             | -                | 117          | 150        | 175         | 180         | 157         | 149        | 126         | 152         | 132         | 136        | 144        | 160         | 153         |
| " " Dis. of Circulatory System           | - }              | 112          | 111        | 128         | 152         | 129         | 138        | 133         | 108         | 105         | 96         | 101        | 109         | 127         |
| Violent Deaths                           | - -              | 61           | 51         | 60          | 51          | 57          | 59         | 50          | 60          | 43          | 54         | 62         | 40          | 81          |
| Inquest Cases                            | - -              | 101          | 94         | 116         | 109         | 120         | 117        | 110         | 117         | 105         | 103        | 110        | 86          | 154         |
| Deaths in Public Institutions            | - -              | 325          | 307        | 346         | 367         | 395         | 369        | 346         | 371         | 311         | 311        | 302        | 353         | 395         |
| TEMPERATURE OF THE AIR                   |                  |              |            |             |             |             |            |             |             |             |            |            |             |             |
| Mean                                     | - -              | 55.8         | 42.7       | 45.0        | 43.5        | 49.2        | 50.3       | 42.1        | 50.5        | 49.0        | 45.7       | 49.1       | 38.3        | 40.4        |
| Mean of Highest readings                 | - -              | 65.2         | 52.6       | 54.7        | 53.4        | 58.5        | 54.7       | 47.0        | 55.4        | 53.4        | 49.6       | 54.0       | 38.8        | 44.4        |
| Mean of Lowest readings                  | - -              | 49.9         | 33.5       | 36.2        | 34.4        | 40.6        | 46.7       | 37.7        | 45.2        | 44.9        | 41.6       | 43.6       | 27.9        | 36.0        |
| Humidity of the Air                      | - -              | 90           | 82         | 79          | 87          | 89          | 92         | 86          | 89          | 81          | 89         | 87         | 93          | 94          |
| Rain-fall in inches                      | - -              | 0.51         | 0.11       | 0.02        | 0.00        | 0.00        | 2.68       | 0.20        | 0.40        | 0.11        | 1.77       | 0.17       | 0.00        | 0.13        |
| Registered Sunshine (in hours)           | - -              | 12.7         | 33.0       | 24.6        | 24.5        | 25.5        | 3.8        | 12.5        | 8.6         | 6.2         | 6.0        | 11.5       | 3.8         | 6.2         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmonton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.—F. B. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., J.L.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotesley, Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegge, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McInnesborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTY-FIRST Week of the Year 1888.

| CAUSES OF DEATH.  | Corrected Averages for the<br>51st Weeks of the 10 years<br>1878-87.* | In the Week ending<br>Saturday, 22nd December 1888. |              |      |       |                  |                  |                  |                          |           |              | Corrected Averages for the<br>51st Weeks of the 10 years<br>1878-87.* | CAUSES OF DEATH.  | Corrected Averages for the<br>51st Weeks of the 10 years<br>1878-87.* | In the Week ending<br>Saturday, 22nd December 1888. |                  |                  |                          |      |       |    |    |   |   |  |
|---|---|---|--------------|------|-------|------------------|------------------|------------------|--------------------------|-----------|--------------|---|---|---|---|------------------|------------------|--------------------------|------|-------|----|----|---|---|--|
|   |   | Deaths of Persons of<br>the Ages                    |              |      |       |                  |                  |                  |                          |           |              |   |   |   | Deaths of Persons of<br>the Ages                    |                  |                  |                          |      |       |    |    |   |   |  |
|   |   | ALL AGES.   | Under<br>20. |      |       | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and<br>upwards. | ALL AGES. | Under<br>20. |   |   |   | 20 and under 40.                                    | 40 and under 60. | 60 and under 80. | 80 Years and<br>upwards. |      |       |    |    |   |   |  |
|   |   |   | 0-1.         | 1-5. | 5-20. |                  |                  |                  |                          |           | 0-1.         |   |   |   |   |                  |                  |                          | 1-5. | 5-20. |    |    |   |   |  |
| ALL CAUSES - -  | 1846.9  | 1802  | 390          | 375  | 123   | 197              | 286              | 356              | 75                       |           |              |   | Diseases of Organs of<br>Special Sense † - -                    | 2.1   | 3   | 2                | -                | -                        | 1    | -     | -  | -  | - | - |  |
| Small-pox { Vaccinated; -<br>Unvaccinated -<br>No Statement } | 10.0  | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Diseases of Circulatory<br>System - - - -                       | 127.3   | 127   | 2                | -                | 6                        | 13   | 33    | 64 | 9  |   |   |  |
| Measles - - - -   | 60.4  | 184   | 39           | 141  | 12    | 1                | -                | -                | -                        |           |              |   | Croup - - - -   | 16.2  | 12  | 1                | 10               | 1                        | -    | -     | -  | -  | - | - |  |
| Scarlet Fever - -   | 47.1  | 25  | 2            | 11   | 11    | 1                | -                | -                | -                        |           |              |   | Bronchitis - - -  | 341.5   | 294   | 69               | 53               | 3                        | 15   | 43    | 91 | 20 |   |   |  |
| Typhus - - - -  | 0.8   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Pneumonia - - -   | 117.5   | 99  | 18               | 36               | 6                        | 10   | 18    | 10 | 1  |   |   |  |
| Relapsing Fever † -   | 0.0   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Pleurisy - - - -  | 5.3   | 5   | -                | 2                | -                        | -    | 2     | 1  | -  | - | - |  |
| Influenza - - - -   | 0.0   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Other Diseases of Respi-<br>ratory System - -                   | 45.7  | 30  | 7                | 5                | 1                        | 1    | 4     | 12 | -  | - | - |  |
| Whooping-cough -  | 65.1  | 25  | 8            | 17   | -     | -                | -                | -                | -                        |           |              |   | Dentition † - - -   | 15.9  | 3   | 2                | 1                | -                        | -    | -     | -  | -  | - | - |  |
| Diphtheria - - -  | 20.0  | 39  | 1            | 20   | 17    | 1                | -                | -                | -                        |           |              |   | Quinsy, Sore Throat †   | 2.3   | 4   | 1                | 2                | 1                        | -    | -     | -  | -  | - | - |  |
| Simple Continued and<br>Ill-defined Fever -                   | 1.6   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Enteritis - - - -   | 6.8   | 5   | 2                | 1                | -                        | 1    | -     | 1  | -  | - | - |  |
| Enteric Fever - -   | 21.2  | 12  | -            | 1    | 4     | 7                | -                | -                | -                        |           |              |   | Peritonitis - - -   | 7.6   | 6   | -                | -                | 1                        | 2    | 2     | 1  | -  | - | - |  |
| Cholera - - - -   | 0.1   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Diseases of Liver -   | 24.8  | 18  | 1                | 1                | -                        | 3    | 10    | 3  | -  | - | - |  |
| Diarrhoea, Dysentery  | 13.6  | 16  | 7            | 4    | -     | -                | -                | 5                | -                        |           |              |   | Other Diseases of<br>Digestive System †                         | 27.4  | 32  | 6                | 3                | 2                        | 2    | 13    | 5  | 1  | - | - |  |
| Remittent Fever † -   | 0.9   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Diseases of Lymphatic<br>System & of Ductless<br>Glands † - - - | 1.6   | -   | -                | -                | -                        | -    | -     | -  | -  | - | - |  |
| Hydrophobia - -   | 0.2   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Diseases of Urinary<br>System - - - -                           | 40.7  | 50  | 1                | 2                | 3                        | 6    | 17    | 21 | -  | - | - |  |
| Glanders - - - -  | 0.1   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Diseases of Generative<br>System - - - -                        | 5.9   | 7   | -                | -                | -                        | 4    | 1     | 2  | -  | - | - |  |
| Cowpox and Effects of<br>Vaccination † - -                    | 0.0   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Accidents of Childbirth -                                       | 3.5   | 2   | -                | -                | -                        | 2    | -     | -  | -  | - | - |  |
| Veneral Affections -  | 10.0  | 7   | 6            | -    | -     | -                | -                | 1                | -                        |           |              |   | Diseases of Locomotive<br>System † - - -                        | 8.3   | 10  | -                | -                | 5                        | 3    | 2     | -  | -  | - | - |  |
| Erysipelas - - -  | 8.0   | 1   | 1            | -    | -     | -                | -                | -                | -                        |           |              |   | Diseases of Integumen-<br>tary System - -                       | 7.2   | 10  | 3                | 2                | -                        | 1    | 2     | 2  | -  | - | - |  |
| Pyæmia and Septicæmia †                                       | 4.1   | 3   | -            | 1    | 1     | -                | 1                | -                | -                        |           |              |   | VIOLENT DEATHS.‡  |   |   |                  |                  |                          |      |       |    |    |   |   |  |
| Puerperal Fever - -   | 8.2   | 4   | -            | -    | -     | 4                | -                | -                | -                        |           |              |   | ACCIDENT.)  |   |   |                  |                  |                          |      |       |    |    |   |   |  |
| Other Zymotic Diseases †                                      | 2.3   | 3   | 2            | 1    | -     | -                | -                | -                | -                        |           |              |   | Fracture and Contusion  | 20.5  | 25  | 1                | 2                | 4                        | 6    | 4     | 7  | 1  |   |   |  |
| Thrush - - - -  | 2.3   | 1   | 1            | -    | -     | -                | -                | -                | -                        |           |              |   | Gunshot Wound - -   | 0.1   | -   | -                | -                | -                        | -    | -     | -  | -  | - | - |  |
| Worms and other Para-<br>sitical Diseases - -                 | 0.8   | 1   | -            | -    | -     | -                | -                | 1                | -                        |           |              |   | Cut, Stab - - - -   | 0.1   | -   | -                | -                | -                        | -    | -     | -  | -  | - | - |  |
| Starvation, Want of<br>Breast-milk † - -                      | 3.0   | -   | -            | -    | -     | -                | -                | -                | -                        |           |              |   | Burn and Scald - -  | 7.1   | 12  | 3                | 2                | 5                        | -    | 1     | 1  | -  | - | - |  |
| Alcoholism - - -  | 3.2   | 10  | -            | -    | -     | 5                | 5                | -                | -                        |           |              |   | Poison - - - -  | 1.5   | 3   | 1                | -                | -                        | 1    | -     | -  | -  | - | - |  |
| Rheumatic Fever, }<br>Rheumatism of Heart }                   | 10.0  | 6   | -            | -    | 3     | 2                | 1                | -                | -                        |           |              |   | Drowning - - - -  | 10.4  | 1   | -                | -                | -                        | -    | -     | -  | -  | - | - |  |
| Rheumatism † - -  | 1.9   | 1   | -            | -    | -     | -                | 1                | -                | -                        |           |              |   | Suffocation - - -   | 16.5  | 24  | 32               | 2                | -                        | -    | -     | -  | -  | - | - |  |
| Gout - - - -  | 3.4   | 1   | -            | -    | -     | -                | -                | 1                | -                        |           |              |   | Otherwise - - - -   | 2.0   | 7   | 2                | -                | 2                        | 1    | 2     | -  | -  | - | - |  |
| Rickets † - - - -   | 4.6   | 7   | 3            | 4    | -     | -                | -                | -                | -                        |           |              |   | (HOMICIDE.)   |   |   |                  |                  |                          |      |       |    |    |   |   |  |
| Cancer - - - -  | 53.8  | 57  | -            | 1    | 1     | 7                | 25               | 22               | 1                        |           |              |   | Murder & Manslaughter   | 0.9   | 1   | 1                | -                | -                        | -    | -     | -  | -  | - | - |  |
| Tabs Mesenterica -  | 22.2  | 18  | 7            | 7    | 1     | 1                | -                | -                | -                        |           |              |   | (SUICIDE.)  |   |   |                  |                  |                          |      |       |    |    |   |   |  |
| Tubercular Meningitis   | 24.9  | 29  | 7            | 12   | 7     | 3                | -                | -                | -                        |           |              |   | Gunshot Wound - -   | 0.2   | -   | -                | -                | -                        | -    | -     | -  | -  | - | - |  |
| Phthisis - - - -  | 169.3   | 153   | 4            | 5    | 11    | 69               | 57               | 7                | -                        |           |              |   | Cut, Stab - - - -   | 2.4   | 3   | -                | -                | -                        | 1    | 2     | -  | -  | - | - |  |
| Scrophula, Tuberculosis                                       | 14.5  | 13  | 5            | -    | 5     | 2                | 1                | -                | -                        |           |              |   | Poison - - - -  | 1.6   | 2   | -                | -                | -                        | -    | 1     | 1  | -  | - | - |  |
| Other Constitutional<br>Diseases † - - -                      | 11.1  | 16  | 1            | -    | 2     | 4                | 3                | 6                | -                        |           |              |   | Drowning - - - -  | 1.0   | 1   | -                | -                | -                        | 1    | -     | -  | -  | - | - |  |
| Premature Birth - -   | 33.3  | 35  | 35           | -    | -     | -                | -                | -                | -                        |           |              |   | Hanging - - - -   | 1.2   | 2   | -                | -                | -                        | -    | 1     | 1  | -  | - | - |  |
| Atelectasis † - -   | 1.6   | 3   | 3            | -    | -     | -                | -                | -                | -                        |           |              |   | Otherwise - - - -   | 0.4   | -   | -                | -                | -                        | -    | -     | -  | -  | - | - |  |
| Congenital Malforma-<br>tions - - - -                         | 5.9   | 8   | 5            | -    | -     | -                | -                | -                | -                        |           |              |   | (EXECUTION.)  |   |   |                  |                  |                          |      |       |    |    |   |   |  |
| Old Age - - - -   | 61.7  | 53  | -            | -    | -     | -                | -                | 19               | 33                       |           |              |   | Hanging - - - -   | 0.1   | -   | -                | -                | -                        | -    | -     | -  | -  | - | - |  |
| Apoplexy - - - -  | 48.3  | 53  | 1            | 2    | -     | 2                | 16               | 33               | 4                        |           |              |   | OTHER CAUSES † - -  | 60.2  | 63  | 52               | 4                | -                        | 1    | 2     | 4  | -  | - | - |  |
| Epilepsy - - - -  | 6.2   | 4   | -            | 1    | -     | 1                | 1                | 1                | -                        |           |              |   |   |   |   |                  |                  |                          |      |       |    |    |   |   |  |
| Convulsions - - -   | 52.1  | 51  | 49           | 5    | -     | -                | -                | -                | -                        |           |              |   |   |   |   |                  |                  |                          |      |       |    |    |   |   |  |
| Other Diseases of Brain<br>and Nervous System                 | 90.8  | 100   | 15           | 11   | 7     | 12               | 15               | 32               | 5                        |           |              |   |   |   |   |                  |                  |                          |      |       |    |    |   |   |  |

NOTE.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylums Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9.04 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1882-7 has been used.

‡ These cases of small-pox only are returned as "vaccinated" or as "unvaccinated" which are so certified by registered medical men. When the medical attendant does not certify that the disease is, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The violence at inquest is often used to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET FEVER, DIPHtheria, WHOOPING-COUGH, TYPHUS, ENTERIC (or Typhoid) FEVER, SIMPLE CONTINUED FEVER, DIARRHŒA, and VIOLENCE, during the Week ending

| The DEATHS registered in the Week include                                 |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|---|--|-------------------------------------|-------------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|
| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | Deaths from                     |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|   |  |                                     |                                     | Deaths of                       | Deaths from                         |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |
|   |  |                                     |                                     | Infants under 1<br>Year of Age. | Persons aged 60<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |
| LONDON . . . . .  | 3,815,704                                    | 2655                                | 1802                                | 390                             | 431                                 | -          | 184      | 25             | 39          | 25              | -       | 13                             | -                            | 16         | 81        | 154            | 395                               |
| WEST DISTRICTS - - -  | 609,693                                      | 401                                 | 300                                 | 61                              | 83                                  | -          | 19       | 1              | 11          | 4               | -       | 2                              | -                            | 6          | 10        | 20             | 80                                |
| NORTH DISTRICTS - - -   | 56,947                                       | 611                                 | 390                                 | 90                              | 91                                  | -          | 42       | 8              | 5           | 3               | -       | 2                              | -                            | 2          | 14        | 37             | 77                                |
| CENTRAL DISTRICTS - - -   | 282,238                                      | 149                                 | 120                                 | 17                              | 22                                  | -          | 18       | 1              | 5           | -               | -       | -                              | -                            | 1          | 5         | 10             | 30                                |
| EAST DISTRICTS - - -  | 692,738                                      | 522                                 | 344                                 | 64                              | 76                                  | -          | 34       | 5              | 5           | 4               | -       | 5                              | -                            | 3          | 18        | 37             | 95                                |
| SOUTH DISTRICTS - - -   | 1,265,148                                    | 972                                 | 647                                 | 153                             | 159                                 | -          | 71       | 9              | 13          | 14              | -       | 3                              | -                            | 4          | 34        | 50             | 112                               |
| METROPOLITAN ASYLUM HOS-<br>PITALS:—SIDE REGISTRATION<br>LONDON - - - - - | -  | -                                   | 1                                   | -                               | -                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |
| WEST DISTRICTS.   |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| St. Mary Paddington WHH G.J. & W.M.                                       | 69658  | 45                                  | 28                                  | 7                               | 9                                   | -          | 2        | -              | 1           | 1               | -       | -                              | -                            | 1          | 1         | 1              | 9                                 |
| St. John Paddington H - - G.J.  | 37390  | 12                                  | 15                                  | -                               | 6                                   | -          | -        | -              | -           | -               | -       | 1                              | -                            | -          | 3         | 3              | 7                                 |
| Kensington Town WH - - W.M.   | 120141                                       | 59                                  | 45                                  | 8                               | 15                                  | -          | 3        | -              | 1           | -               | -       | -                              | -                            | 1          | -         | 1              | 2                                 |
| Brompton HH - - W.M. & C.   | 43019  | 17                                  | 13                                  | 2                               | 7                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 9                                 |
| St. Peter Hammersmith - - W.M.  | 7399   | 5                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Paul Hammersmith H W.M. & G.J.  | 63430  | 50                                  | 38                                  | 14                              | 3                                   | -          | 2        | -              | 3           | -               | -       | 1                              | -                            | 3          | 1         | 3              | -                                 |
| Fulham WH - - W.M. & C.   | 42506  | 65                                  | 38                                  | 6                               | 8                                   | -          | 5        | 1              | 3           | 1               | -       | 1                              | -                            | -          | -         | -              | 6                                 |
| Chelsea South HHH - - C.  | 33996  | 13                                  | 12                                  | 1                               | 3                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | 1          | 1         | 1              | 5                                 |
| Chelsea North-west WHHHHH - C.  | 21925  | 18                                  | 21                                  | 3                               | 8                                   | -          | 1        | -              | -           | 2               | -       | -                              | -                            | -          | -         | 2              | 10                                |
| Chelsea North-east - - C.   | 32807  | 23                                  | 8                                   | 2                               | 2                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| May Fair WW - - G.J.  | 60333  | 14                                  | 19                                  | 2                               | 10                                  | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | -              | 15                                |
| Belgrave WHHH - - C.  | 59220  | 23                                  | 23                                  | 6                               | 3                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | 8                                 |
| St. John Westminster HHH - C.   | 35493  | 26                                  | 14                                  | 2                               | 3                                   | -          | -        | 1              | -           | 1               | -       | -                              | -                            | -          | 1         | 1              | 7                                 |
| St. Margaret Westminster H - C.   | 24679  | 10                                  | 13                                  | 4                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. James Westminster WHH N.R. & G.J.                                     | 29041  | 11                                  | 9                                   | 3                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 |
| St. Anne Soho HHHHHHH - N.R.  | 16065  | 10                                  | 5                                   | 1                               | -                                   | -          | 2        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| NORTH DISTRICTS.  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| All Souls Marylebone HHHH - W.M.  | 26759  | 11                                  | 12                                  | 2                               | 2                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 2              | 7                                 |
| Cavendish Square HHHH - W.M.  | 14891  | 9                                   | 2                                   | 1                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 3                                 |
| Rectory Marylebone WHH G.J. & W.M.  | 24809  | 6                                   | 7                                   | 2                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Mary Marylebone HHH G.J. & W.M.                                       | 21118  | 20                                  | 6                                   | 2                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 |
| Christchurch Marylebone H - W.M.  | 33700  | 19                                  | 13                                  | 6                               | 2                                   | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. John Marylebone H - W.M.  | 33633  | 15                                  | 12                                  | -                               | 2                                   | -          | 6        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Hampstead WHHHHH N.R. & W.M.  | 45452  | 35                                  | 14                                  | 5                               | 4                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 2         | 2              | 2                                 |
| Regent's Park Paneras H - W.M.  | 39115  | 20                                  | 11                                  | 5                               | 1                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | 3              | -                                 |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 20                                  | 17                                  | 2                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 8                                 |
| Gray's Inn Lane HHH - N.R.  | 30247  | 23                                  | 11                                  | 4                               | 3                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 |
| Somers Town H - - N.R.  | 34369  | 26                                  | 21                                  | 7                               | 7                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1                                 |
| Camden Town WH - - N.R.   | 17811  | 13                                  | 8                                   | 1                               | 3                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 1              | 4                                 |
| Kentish Town W - - N.R.   | 87487  | 58                                  | 47                                  | 6                               | 8                                   | -          | 11       | -              | -           | -               | -       | -                              | -                            | -          | -         | 5              | 6                                 |
| Upper Holloway WHHH - N.R.  | 67946  | 71                                  | 53                                  | 11                              | 14                                  | -          | 4        | -              | -           | -               | -       | -                              | -                            | 1          | 4         | 7              | 24                                |
| Islington South-west HH - N.R.  | 100976                                       | 65                                  | 37                                  | 12                              | 4                                   | -          | 5        | 1              | 1           | -               | -       | -                              | -                            | -          | 5         | 5              | 1                                 |
| Islington South-east - - N.R.   | 61825  | 40                                  | 23                                  | 6                               | 6                                   | -          | 2        | 1              | -           | -               | -       | -                              | -                            | -          | 3         | -              | -                                 |
| Highbury H - - N.R.   | 52048  | 24                                  | 15                                  | 1                               | 6                                   | -          | -        | -              | -           | 1               | -       | 1                              | -                            | -          | 2         | 1              | -                                 |
| Stoke Newington H - - N.R.  | 22781  | 10                                  | 5                                   | -                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Stamford Hill - - E.L.  | 9277   | 7                                   | 7                                   | 2                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | 2         | 2              | -                                 |
| West Hackney H - - N.R.   | 87610  | 28                                  | 6                                   | -                               | 3                                   | -          | -        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Hackney WHHHH - E.L. & N.R.   | 76911  | 56                                  | 55                                  | 12                              | 10                                  | -          | 3        | 0              | 2           | -               | -       | 1                              | -                            | -          | -         | 1              | 19                                |
| South Hackney - - E.L.  | 39388  | 25                                  | 8                                   | 3                               | 2                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| CENTRAL DISTRICTS.  |  |                                     |                                     |                                 |                                     |            |          |                |             |                 |         |                                |                              |            |           |                |                                   |
| St. George Bloomsbury - - N.R.  | 16681  | 3                                   | 1                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | 1          | -         | -              | 4                                 |
| St. Giles South WH - - N.R.   | 14864  | 6                                   | 11                                  | -                               | 4                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Giles North - - N.R.  | 13887  | 4                                   | 2                                   | -                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Martin-in-the-Fields HH N.R. & C.                                     | 17508  | 3                                   | 6                                   | 1                               | -                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 3                                 |
| St. Mary-le-Strand H - - N.R.   | 7515   | 1                                   | 1                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Clement Danes H - - N.R.  | 8559   | 1                                   | 4                                   | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Strand Union Workhouse, Edmonton w.                                       | -  | -                                   | 1                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Geo. the Martyr HHHHHH N.R.   | 18671  | 5                                   | 16                                  | 3                               | 8                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1              | 7                                 |
| St. Andrew Eastern W - - N.R.   | 6538   | -                                   | 1                                   | -                               | -                                   | -          | 1        | 1              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Salmon Hill H - - N.R.  | 17518  | 12                                  | 8                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. James Clerkenwell - - N.R.  | 19231  | 15                                  | 6                                   | 1                               | 2                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 |
| Amwell Clerkenwell - - N.R.   | 14773  | 7                                   | 2                                   | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Pentonville - - N.R.  | 17506  | 19                                  | 8                                   | 5                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Goodwell-street - - N.R.  | 11541  | 11                                  | 5                                   | -                               | 2                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Old-street H - - N.R.   | 18628  | 27                                  | 2                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| City-road HHL - - N.R.  | 9217   | 9                                   | 7                                   | 2                               | -                                   | -          | 4        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Whitecross-street - - N.R.  | 7463   | 5                                   | 4                                   | -                               | -                                   | -          | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Finsbury - - N.R.   | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Holborn Union Workhouse, Mitcham, w.                                      | -  | -                                   | -                                   | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Botolph H - - N.R. & E.L.   | 11174  | 6                                   | 5                                   | -                               | 4                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Cripplegate - - N.R.  | 7193   | 3                                   | 1                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| St. Sepulchre H - - N.R.  | 3553   | 3                                   | 17                                  | 1                               | 2                                   | -          | 1        | -              | 2           | -               | -       | -                              | -                            | -          | 3         | 5              | 14                                |
| St. Bride W - - N.R.  | 3396   | 3                                   | 3                                   | -                               | 1                                   | -          | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Allhallows Barking - - N.R.   | 13666  | 1                                   | 3                                   | -                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |
| Broad Street H - - N.R.   | 5622   | 3                                   | 1                                   | -                               | -                                   | -          | -        | -              | 1           | -               | -       | -                              | -                            | -          | -         | -              | -                                 |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it is situated; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., the Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and Kent Company.

ER, DYPHTHERIA, WHOOPING-COUGH, FEVER, DIARRHŒA, VIOLENCE, &c., registered in each SUB-DISTRICT  
 urday, the 22nd December. 1888.

|                                |             | The DEATHS registered in the Week include    |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |           |           |    |             |  |                |                                   |                                 |
|--------------------------------|-------------|--|----------------------------------|---------------------------------|-------------------------------------|------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|-----------|-----------|----|-------------|--|----------------|-----------------------------------|---------------------------------|
| REGISTRATION<br>SUB-DISTRICTS. |             | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total Deaths during the<br>Week. | Deaths of                       |                                     |            |          |                |             |                 |         |                                |                              |           |           |    | Deaths from |  | Inquest Cases. | Deaths in Public<br>Institutions. | Uncertified Causes<br>of Death. |
|                                |             |  |                                  | Infants under 1<br>Year of Age. | Persons aged 40<br>Years & upwards. | Small-pox. | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhea. | Violence. |    |             |  |                |                                   |                                 |
| EAST DISTRICTS.                |             |  |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |           |           |    |             |  |                |                                   |                                 |
| St. Andrew's                   | N.R. & E.L. | 7376   | 6                                | 1                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Leonard's                  | N.R.        | 14867  | 11                               | 5                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | 1           |  |                |                                   |                                 |
| St. Martin's                   | N.R.        | 29897  | 22                               | 13                              | 1                                   | 6          | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -  | 5           |  |                |                                   |                                 |
| St. Michael's                  | N.R.        | 28086  | 20                               | 14                              | 4                                   | -          | 3        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1  | -           |  |                |                                   |                                 |
| St. Nicholas                   | N.R. & E.L. | 46275  | 28                               | 26                              | 5                                   | 7          | -        | -              | 3           | -               | -       | -                              | -                            | -         | 2         | 13 | -           |  |                |                                   |                                 |
| St. Peter's                    | E.L.        | 22758  | 26                               | 14                              | 2                                   | 1          | 6        | -              | -           | 1               | -       | -                              | -                            | -         | -         | 1  | 1           |  |                |                                   |                                 |
| St. Paul's                     | E.L.        | 47932  | 84                               | 28                              | 7                                   | 7          | 1        | 1              | -           | 1               | -       | -                              | -                            | -         | 2         | 4  | 5           |  |                |                                   |                                 |
| St. Vincent's                  | E.L.        | 29981  | 20                               | 8                               | 1                                   | 1          | -        | 1              | -           | -               | -       | -                              | -                            | -         | 2         | 1  | -           |  |                |                                   |                                 |
| St. George's                   | E.L.        | 19810  | 20                               | 13                              | 3                                   | -          | 6        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. James's                    | E.L. & N.R. | 22885  | 23                               | 8                               | 3                                   | 1          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1  | 1           |  |                |                                   |                                 |
| St. John's                     | E.L.        | 18478  | 11                               | 15                              | 2                                   | 6          | 3        | -              | -           | -               | -       | -                              | -                            | -         | -         | 2  | 10          |  |                |                                   |                                 |
| St. Luke's                     | E.L. & N.R. | 17490  | 9                                | 16                              | 1                                   | 2          | -        | -              | 1           | -               | -       | 3                              | -                            | -         | 3         | 6  | 18          |  |                |                                   |                                 |
| St. Mark's                     | E.L.        | 9713   | 8                                | 2                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1  | 1           |  |                |                                   |                                 |
| St. Matthew's                  | N.R. & E.L. | 6102   | 3                                | 2                               | -                                   | 1          | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | -  | -           |  |                |                                   |                                 |
| St. George's, North            | E.L.        | 88747  | 32                               | 16                              | 5                                   | 2          | 1        | -              | 1           | -               | -       | -                              | -                            | -         | 1         | 1  | -           |  |                |                                   |                                 |
| St. George's, East             | E.L.        | 8410   | 4                                | 13                              | 1                                   | 8          | -        | -              | -           | -               | -       | -                              | -                            | 2         | 1         | 11 | -           |  |                |                                   |                                 |
| St. Andrew's, HH               | E.L. & N.R. | 16985  | 10                               | 12                              | 2                                   | 2          | -        | -              | -           | -               | -       | -                              | -                            | -         | 2         | 3  | 6           |  |                |                                   |                                 |
| St. Andrew's, E.L.             | E.L.        | 16107  | 9                                | 8                               | -                                   | 3          | 2        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's, HH               | E.L.        | 35041  | 32                               | 12                              | 4                                   | 2          | 1        | -              | -           | -               | -       | 1                              | -                            | -         | 3         | 3  | -           |  |                |                                   |                                 |
| St. Andrew's, E.L.             | E.L.        | 27960  | 34                               | 13                              | 4                                   | 2          | 2        | 2              | -           | -               | -       | -                              | -                            | -         | 1         | 3  | -           |  |                |                                   |                                 |
| St. Andrew's, HH               | E.L.        | 67653  | 46                               | 28                              | 4                                   | 7          | 2        | 2              | -           | -               | -       | -                              | -                            | -         | 1         | 1  | 10          |  |                |                                   |                                 |
| St. Andrew's, HH               | E.L.        | 37074  | 22                               | 17                              | 4                                   | 6          | 2        | -              | -           | 1               | -       | -                              | -                            | -         | 1         | 1  | 2           |  |                |                                   |                                 |
| St. Andrew's, HH               | E.L.        | 64359  | 58                               | 37                              | 7                                   | 9          | 1        | 1              | 1           | -               | -       | 1                              | -                            | 1         | 2         | 2  | 11          |  |                |                                   |                                 |
| St. Andrew's, HH               | E.L.        | 55077  | 19                               | 13                              | 2                                   | 2          | 1        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1  | 2           |  |                |                                   |                                 |
| SOUTH DISTRICTS.               |             |  |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |           |           |    |             |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 13663  | 9                                | 2                               | 1                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S.          | 14999  | 11                               | 7                               | 4                                   | -          | 2        | -              | -           | -               | -       | -                              | -                            | -         | 1         | -  | 1           |  |                |                                   |                                 |
| St. Andrew's                   | S. & L.     | 21881  | 19                               | 10                              | 3                                   | 1          | 2        | -              | 1           | -               | -       | -                              | -                            | -         | 1         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S. & L.     | 18683  | 21                               | 14                              | 2                                   | 2          | 3        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 2  | 3           |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 21881  | 7                                | 9                               | 3                                   | 3          | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1  | 3           |  |                |                                   |                                 |
| St. Andrew's                   | S. & L.     | 26672  | 30                               | 14                              | 5                                   | 3          | -        | -              | -           | 1               | -       | -                              | -                            | -         | 1         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S. & L.     | 58255  | 34                               | 32                              | 10                                  | 10         | 3        | -              | -           | -               | -       | -                              | -                            | -         | 1         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 21628  | 22                               | 7                               | 1                                   | 2          | -        | 1              | 1           | -               | -       | -                              | -                            | -         | -         | 1  | 4           |  |                |                                   |                                 |
| St. Andrew's                   | E.L.        | 11956  | 5                                | 24                              | 4                                   | 3          | -        | -              | -           | -               | -       | -                              | -                            | -         | 9         | 10 | 20          |  |                |                                   |                                 |
| St. Andrew's                   | S. & L.     | 16800  | 9                                | 7                               | 1                                   | 2          | -        | 1              | -           | 1               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S.          | 16609  | 10                               | 13                              | 4                                   | 4          | -        | -              | -           | 1               | -       | -                              | -                            | -         | 2         | 3  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S.          | 14683  | 35                               | 20                              | 6                                   | 3          | -        | 2              | -           | -               | -       | -                              | -                            | -         | 1         | 2  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S. & K.     | 36024  | 22                               | 14                              | 1                                   | 6          | -        | 1              | -           | -               | -       | -                              | -                            | -         | 1         | 1  | 6           |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 13195  | 18                               | 7                               | -                                   | -          | 4        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 16331  | 21                               | 13                              | 8                                   | 2          | 2        | -              | -           | 2               | -       | -                              | -                            | -         | 1         | 1  | -           |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 18476  | 10                               | 25                              | 8                                   | 5          | -        | -              | -           | -               | -       | 1                              | -                            | -         | 2         | 2  | 13          |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 58549  | 29                               | 38                              | 11                                  | 11         | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 2  | 13          |  |                |                                   |                                 |
| St. Andrew's                   | S. & L.     | 45333  | 19                               | 21                              | 6                                   | 3          | -        | 1              | -           | 1               | -       | -                              | -                            | 1         | 2         | 3  | 13          |  |                |                                   |                                 |
| St. Andrew's                   | S. & L.     | 38332  | 18                               | 14                              | -                                   | 6          | 3        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | 2           |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 62837  | 49                               | 12                              | 2                                   | 8          | -        | -              | -           | -               | -       | 1                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | L.          | 19017  | 16                               | 4                               | 2                                   | 1          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S.          | 54675  | 55                               | 25                              | 11                                  | -          | 8        | -              | -           | -               | -       | -                              | -                            | -         | 3         | 6  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S.          | 63537  | 48                               | 35                              | 8                                   | 9          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1  | 8           |  |                |                                   |                                 |
| St. Andrew's                   | S.          | 36320  | 23                               | 18                              | 5                                   | 6          | -        | -              | -           | 2               | -       | -                              | -                            | 1         | 1         | 1  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S.          | 28004  | 12                               | 14                              | 4                                   | 3          | -        | -              | 2           | 1               | -       | -                              | -                            | -         | 1         | 2  | 1           |  |                |                                   |                                 |
| St. Andrew's                   | S.          | 18235  | 6                                | 1                               | 1                                   | -          | -        | -              | -           | 1               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | L.          | 25558  | 13                               | 12                              | 1                                   | 5          | -        | -              | 1           | -               | -       | -                              | -                            | 1         | 1         | 3  | -           |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 5590   | 1                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S. & L.     | 69104  | 60                               | 39                              | 6                                   | 14         | -        | 3              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | S. & K.     | 71089  | 48                               | 37                              | 9                                   | 4          | -        | 5              | -           | 2               | -       | -                              | -                            | -         | -         | 17 | -           |  |                |                                   |                                 |
| St. Andrew's                   | L. & S.     | 60810  | 60                               | 24                              | 8                                   | 7          | -        | 4              | -           | -               | -       | -                              | -                            | -         | -         | -  | 1           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 76752  | 69                               | 37                              | 9                                   | 9          | -        | 1              | 4           | 3               | -       | 1                              | -                            | -         | 4         | 4  | 10          |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 7901   | 7                                | 1                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | 2           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 21875  | 19                               | 7                               | 1                                   | 5          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1  | 1           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 24603  | 25                               | 15                              | 4                                   | 2          | -        | 1              | -           | -               | -       | -                              | -                            | -         | -         | -  | 9           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 3048   | 5                                | 5                               | 2                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 21559  | 11                               | 6                               | -                                   | 3          | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1  | -           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 19885  | 18                               | 10                              | 4                                   | 2          | -        | -              | -           | -               | -       | -                              | -                            | 1         | -         | -  | 2           |  |                |                                   |                                 |
| St. Andrew's                   | L.          | 36076  | 11                               | 9                               | 3                                   | 4          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 10930  | 4                                | 3                               | 1                                   | 1          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 17617  | 10                               | 5                               | 3                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1  | -           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 19046  | 21                               | 6                               | -                                   | 4          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | 1           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 14009  | 8                                | 5                               | 1                                   | 1          | -        | -              | -           | -               | -       | -                              | -                            | -         | 1         | 1  | -           |  |                |                                   |                                 |
| St. Andrew's                   | K.          | 19241  | 29                               | 13                              | 6                                   | 2          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | 1  | 2           |  |                |                                   |                                 |
| Metropolitan Asylum Hospitals: |             |  |                                  |                                 |                                     |            |          |                |             |                 |         |                                |                              |           |           |    |             |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              | -           | -               | -       | -                              | -                            | -         | -         | -  | -           |  |                |                                   |                                 |
| St. Andrew's                   | -           | -  | -                                | -                               | -                                   | -          | -        | -              |             |                 |         |                                |                              |           |           |    |             |  |                |                                   |                                 |

3 following WORKHOUSE Establishments receive inmates from other Districts than the one in which they stand, and are indicated in the  
3 Table by w:-

|  |   |
|--|---|
| <p>Penrybone Infirmary in Kensington Town sub-district.<br/>         Central London Sick Asylum in Tottenham Court-road sub-district.<br/>         Holborn infirmary in Upper Holloway road sub-district.<br/>         London City Workhouse " Hackney sub-district.<br/>         " " Hoxton New Town sub-district.<br/>         Whitechapel " Mile End Old Town Eastern sub-dist.<br/>         " " Mile End Old Town Eastern sub-dist.<br/>         London City " } and Bromley sub-district.</p> | <p>Stepney Workhouse in Bromley sub-district.<br/>         Coplar &amp; Stepney Sikh Asylum "<br/>         Westminster Union Industrial School in West Battersea sub-district.<br/>         Strand and Holborn Workhouses outside Registration London.<br/>         Metropolitan Asylum District Hospitals in Fulham, Hampstead, Hackney, Brixton, and St. Paul, Deptford sub-districts, and in Dartford, Edmonton, and West Ham sub-districts outside Registration London.</p> |
|--|---|

Private Lunatic Asylums in which paupers are received.



TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION: BIRTHS and DEATHS registered during Week ending Saturday, 22nd December, 1888.

| Regis-<br>tration<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.     | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>me-<br>rated<br>Popu-<br>lation,<br>1891. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |        |            |           |                |                                   |  |  |
|---|------------------------------------|--|---|---------|---------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|--|--|
|   |                                    |  |   |         |         | Deaths of                                 |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |  |  |
|   |                                    |  |   |         |         | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. |  |  |
| LONDON—OUTER RING   |                                    | 370,924  | 950,957   | 836     | 405     | 111                                       | 98                                  | -           | 20       | 4              | 6           | 4               | 5      | 1          | 11        | 24             | 54                                |  |  |
| 80:1  | Carshalton <i>wL</i> -             | 12228  | 21118   | 8       | 17      | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 15                                |  |  |
| 2   | Epsom (part of)* <i>WwH</i>        | 9971   | 10710   | 4       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 37:1  | Godstone (part of)* -              | 2754   | 1235  | 1       | 2       | 1   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 38:1  | Croydon <i>WwHHL</i> -             | 20851  | 101241  | 60      | 37      | 8   | 14                                  | -           | 2        | -              | 1           | -               | -      | -          | 1         | 2              | 6                                 |  |  |
| 2   | Mitcham <i>w†</i> -                | 11697  | 17982   | 11      | 6       | -   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |  |
| 89:1  | Wimbledon <i>HHH</i> -             | 3220   | 15950   | 16      | 5       | 1   | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Kingston <i>WHH</i> -              | 8549   | 36354   | 35      | 8       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 2                                 |  |  |
| 3   | Esher (part of)* -                 | 6601   | 9221  | 8       | 2       | 1   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |  |
| 4   | Hampton <i>H</i> -                 | 4573   | 13339   | 9       | 7       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 40:1  | Richmond <i>WH</i> -               | 2272   | 21302   | 8       | 3       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Mortlake -                         | 2041   | 12331   | 8       | 8       | 3   | 1                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |  |
| 41:1  | Bromley (pt. of)* <i>HH</i>        | 15669  | 31142   | 38      | 8       | 5   | -                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Chislehurst (pt. of)* <i>WHH</i>   | 14307  | 13844   | 5       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 42:1  | Bexley <i>H</i> -                  | 18437  | 24134   | 20      | 8       | 4   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Dartford ( <i>Ww</i> , pts. of)* - | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 124:1   | Sunbury <i>w</i> -                 | 11055  | 11635   | 4       | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Staines <i>W</i> -                 | 13277  | 12989   | 9       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |  |  |
| 125:1   | Hillingdon <i>WHH</i> -            | 6029   | 10302   | 7       | 5       | 1   | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |  |  |
| 2   | Uxbridge -                         | 6178   | 3225  | 1       | 2       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 3   | Hayes <i>wHL</i> -                 | 14587  | 11523   | 3       | 6       | 1   | 1                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | 4                                 |  |  |
| 126:1   | Isleworth <i>WHH</i> -             | 7008   | 22727   | 16      | 8       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |  |  |
| 2   | Twickenham <i>H</i> -              | 2477   | 12479   | 6       | 4       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 3   | Brentford <i>HL</i> -              | 4345   | 27449   | 18      | 15      | 5   | 5                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 4   | Chiswick -                         | 1340   | 15375   | 16      | 5       | 1   | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 5   | Aston <i>wH</i> -                  | 6086   | 22376   | 20      | 6       | 3   | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |  |  |
| 127:1   | Harrow <i>H</i> -                  | 13809  | 12793   | 11      | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Edgware <i>H</i> -                 | 6994   | 3749  | -       | 1       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 3   | Willesden -                        | 4393   | 37453   | 42      | 17      | 5   | 5                                   | -           | 4        | -              | 1           | -               | -      | -          | 1         | 3              | -                                 |  |  |
| 4   | Hendon <i>W</i> -                  | 8332   | 10434   | 12      | 11      | 3   | 2                                   | -           | 1        | -              | 1           | -               | -      | -          | 1         | 2              | 4                                 |  |  |
| 137:1   | Bushey -                           | 9331   | 6621  | 4       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Watford ( <i>W</i> , pt. of)* -    | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 128:1   | South Mimms -                      | 15599  | 6391  | 3       | 3       | 2   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Barnet -                           | 5433   | 10092   | 4       | 5       | 1   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 3   | Finchley <i>HL</i> -               | 4693   | 17615   | 13      | 11      | -   | 5                                   | -           | -        | -              | -           | -               | -      | -          | 2         | 2              | 6                                 |  |  |
| 135:1   | Hatfield (part of)* -              | 3806   | 583   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 129:1   | Hornsey <i>H</i> -                 | 3039   | 37078   | 33      | 11      | 4   | 3                                   | -           | -        | -              | -           | 1               | -      | -          | -         | 1              | -                                 |  |  |
| 2   | Tottenham <i>H</i> -               | 4642   | 46455   | 69      | 27      | 5   | 5                                   | -           | 1        | -              | 1           | 1               | 3      | -          | 1         | 1              | -                                 |  |  |
| 3   | Edmonton <i>Ww†</i> -              | 7483   | 23463   | 27      | 12      | 3   | 5                                   | -           | -        | 1              | -           | 1               | -      | -          | -         | 1              | 4                                 |  |  |
| 4   | Enfield <i>WH</i> -                | 12653  | 19104   | 19      | 13      | 6   | 1                                   | -           | -        | -              | -           | -               | 2      | -          | -         | 1              | -                                 |  |  |
| 5   | Waltham Abbey -                    | 11017  | 5365  | 3       | 1       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 6   | Cheshunt -                         | 8490   | 7735  | 3       | 5       | 1   | -                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |  |  |
| 186:1   | Stratford -                        | 892  | 38606   | 25      | 15      | 9   | 1                                   | -           | 1        | 1              | -           | -               | -      | -          | 1         | 1              | -                                 |  |  |
| 2   | West Ham <i>wowwH†</i> -           | 7351   | 101053  | 110     | 60      | 18  | 6                                   | -           | 7        | -              | 1           | 1               | -      | 1          | 1         | 3              | -                                 |  |  |
| 3   | Leyton <i>WwL</i> -                | 4372   | 32430   | 50      | 23      | 4   | 5                                   | -           | 1        | 1              | -           | -               | -      | -          | -         | -              | 5                                 |  |  |
| 4   | Walthamstow <i>H</i> -             | 6520   | 28869   | 45      | 14      | 8   | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |  |  |
| 187:1   | Chigwell (part of)* <i>H</i>       | 11761  | 9639  | 7       | 4       | -   | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Epping ( <i>W</i> , pt. of)* -     | -  | -   | -       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 189:1   | Romford (part of)* <i>W</i>        | 6730   | 3411  | 1       | 2       | -   | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 2   | Ilford -                           | 8493   | 7645  | 2       | -       | -   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |
| 3   | Barking Town -                     | 4127   | 9203  | 10      | 1       | 1   | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |  |  |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows: 2, Epsom sub-district, except the parishes of Asenstead and Hendley (pop. 1265); 37:1, the parishes of Warrington and Farley in Godstone district; 39:3, Esher sub-district, except the parish of Esher (pop. 1993); 41:1, Bromley sub-district, except the parishes of Cadnow and Knockholt (pop. 1818); 41:2, Chislehurst sub-district, except the parish of Chislehurst (pop. 947); 135:1, the parish of Northaw in Herts sub-district; 187:1, Chigwell sub-district, except the parish of Theydon Bois (pop. 475); 189:1, the parish of Dagenham in Romford sub-district.

† Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).

‡ Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).

§ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 22nd December, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                       | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |           |           |     |  | Deaths in Public<br>Institutions. |
|---------------------------|--|--|---|---------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|-----------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Cols.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |           |           |     |  |                                   |
|                           |  |  |   |                                       |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                    | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.       | 15.       | 16. |  |                                   |
| ATER LONDON               | 448,334  | 5,527,886                                      | 20·8  | 3·2                                   | 2207                             | 501                                       | 529  | -           | 204      | 29                | 45          | 29                  | 17     | 17        | 92        | 449 |  |                                   |
| NER LONDON -              | 77,410   | 4,282,921                                      | 22·0  | 3·7                                   | 1802                             | 390                                       | 431  | -           | 184      | 25                | 39          | 25                  | 12     | 16        | 81        | 395 |  |                                   |
| TER RING -                | 370,924  | 1,244,965                                      | 17·0  | 1·7                                   | 405                              | 111                                       | 98   | -           | 20       | 4                 | 6           | 4                   | 5      | 1         | 11        | 54  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 622 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                        | POPULATION (enumerated or estimated). | DATE OF RETURN. Week ending | BIRTHS. Exclusive of Stillborn. | DEATHS. | ANNUAL DEATH-RATE per 1000 living. | DEATHS FROM EPIDEMIC DISEASES.                    |
|--------------------------------|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------------|---|
| CALCUTTA -                     | 433,219                               | November 10                 | -                               | 238     | 28·6                               | Cholera 45; fevers 63.                            |
| BOMBAY -                       | 773,196                               | " 27                        | 411                             | 362     | 20·7                               | Cholera 3; fevers 122.                            |
| MADRAS -                       | 398,777                               | " 9                         | 345                             | 249     | 32·4                               | Fevers 56.  |
| PARIS -                        | 2,260,945                             | December 15                 | 1176                            | 984     | 22·6                               | Meas. 38; diph. & crp. 40; small-pox 2.           |
| BRUSSELS - (with 8 Faubourgs.) | 462,060                               | " 15                        | 252                             | 185     | 20·8                               | Measles 9; whooping-cough 6.                      |
| AMSTERDAM -                    | 390,016                               | " 15                        | 245                             | 159     | 21·2                               | Measles 15; diph. 5.                              |
| ROTTERDAM -                    | 198,658                               | " 15                        | 135                             | 64      | 17·1                               | Whooping-cough 2.                                 |
| THE HAGUE -                    | 149,477                               | " 15                        | 103                             | 38      | 13·2                               | -   |
| COPENHAGEN -                   | 300,000                               | " 11                        | 190                             | 113     | 19·7                               | Diphtheria 7; whooping-cough 4; scar. fev. 4.     |
| STOCKHOLM -                    | 221,540                               | " 8                         | 139                             | 88      | 20·6                               | Scarlet fever 4; diphtheria and croup 3.          |
| CHRISTIANIA -                  | 135,600                               | " 15                        | 61                              | 43      | 17·5                               | Diphtheria and croup 5.                           |
| ST. PETERSBURG                 | 842,883                               | " 8                         | -                               | 427     | 26·4                               | Typhus & typhd. fev. 9; scarlet fever 12.         |
| BERLIN -                       | 1,438,006                             | " 1                         | 921                             | 556     | 19·8                               | Diph. 25; wh.-cough 10; measles 9.                |
| HAMBURG(State)                 | 750,694                               | " 8                         | 371                             | 285     | 27·0                               | Diphtheria and croup 18; typhus and typh. fev. 4. |
| DRESDEN -                      | 259,142                               | " 8                         | 141                             | 100     | 20·1                               | Diphtheria and croup 15.                          |
| BRESLAU -                      | 313,451                               | " 15                        | 213                             | 161     | 27·3                               | Scar. fev. 4; diph. 12.                           |
| MUNICH -                       | 275,000                               | " 8                         | 188                             | 142     | 26·9                               | Diphtheria and croup 13; measles 7.               |
| VIENNA -                       | 800,836                               | " 8                         | 567                             | 573     | 24·3                               | Scar. fev. 8; diph. 8.                            |
| PRAGUE -                       | 295,857                               | " 8                         | -                               | 187     | 33·0                               | Small-pox 14; diph. 15; measles 8.                |
| BUDA-PESTH -                   | 442,787                               | " 8                         | 343                             | 239     | 28·1                               | Diph. 4; typh. & typh. fever 7.                   |
| TRIESTE -                      | 156,042                               | " 8                         | -                               | 74      | 24·7                               | Small-pox 3.                                      |
| ROME -                         | 388,300                               | October 27                  | 233                             | 188     | 25·3                               | Mal. fev. 16; typh. fev. 4.                       |
| TURIN (1 days)                 | 294,826                               | November 30                 | -                               | -       | -                                  | -   |
| VENICE -                       | 150,502                               | December 1                  | 82                              | 70      | 21·3                               | Typhoid fever 3.                                  |
| CAIRO -                        | 374,338                               | November 29                 | 492                             | 320     | 44·5                               | Typh. fev. 16; diar. dis. 113.                    |
| ALEXANDRIA -                   | 231,396                               | " 29                        | 243                             | 176     | 39·7                               | Diphtheria and croup 3; diar. dis. 46.            |
| NEW YORK -                     | 1,493,000                             | December 1                  | -                               | 631     | 24·1                               | Scar. fev. 25; diph. 41; measles 12.              |
| BROOKLYN -                     | 774,870                               | " 1                         | -                               | 300     | 19·4                               | Diphtheria 30; croup 11; whooping-cough 9.        |
| PHILADELPHIA -                 | 1,016,768                             | " 1                         | -                               | 302     | 15·5                               | Scar. fev. 9; typhd. fev. 5.                      |
| BALTIMORE -                    | 431,879                               | " 1                         | -                               | 167     | 20·2                               | Typh. fev. 6; scar. fev. 5.                       |



TABLE 9.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 22ND DECEMBER, 1888.  
[Under the Superintendence of the Astronomer Royal.]

| 1888.          |                     | TEMPERATURE.   |             |          |              |                   |                                |                   |   |        |  | TEMPERATURE.             |               |          |   | Wind as deduced from Anemometers. |          |      |                    | Rain collected in a Gauge whose surface is 5 inches above the ground. Ozons. |    |  |                    |  |  |   |    |    |
|----------------|---------------------|--|-------------|----------|--------------|-------------------|--------------------------------|-------------------|---|--------|--|--------------------------|---------------|----------|---|-----------------------------------|----------|------|--------------------|--|----|--|--------------------|--|--|---|----|----|
| MONTH AND DAY. | Phases of the Moon. | BARO-METER.<br>Mean daily reading and reduced to average Fahren-heit). | Of the Air. |          |              |                   | Of the Dew Point.              |                   | Difference between the Air-Temperature and Dew Point Temperature. |        | Degree of Humidity (Satu-ration equals 100). |                          | Of Radiation. |          | Of the Water of the Thames at Deptford. |                                   | Oster's. |      | General Direction. | Pressure on the Square Foot.   |    | Robinson's.<br>Horizontal Movement of the Air on each Day. | Mean Hourly obser. | Miles.<br>Miles.<br>— 172<br>— 115<br>— 237<br>— 73<br>— 68<br>+ 95<br>+ 4 | Miles.<br>Miles.<br>— 172<br>— 115<br>— 237<br>— 73<br>— 68<br>+ 95<br>+ 4 | in.<br>0.00<br>0.00<br>0.00<br>0.00<br>0.00<br>0.07<br>0.06 |    |    |
|                |                     |  | High-est.   | Low-est. | Daily Range. | Mean daily value. | De-parture from average value. | Mean daily value. | Great-est.  | Least. | High-est in the 24 Hours.                    | Low-est in the 24 Hours. | High-est.     | Low-est. | Great-est.                              | Least.                            | P.M.     | A.M. |                    |  |    |  |                    |  |  |   |    |    |
| DECEMBER.      |                     | in.  | °           | °        | °            | °                 | °                              | °                 | °   | °      | °  | °                        | °             | °        | °                                       | °                                 | °        | °    | °                  | °  | °  | °  | °                  | °  | °  | °   | °  | °  |
| SUN. . 16      | Apogee.             | 30.240   | 39.2        | 33.8     | 5.4          | 36.2              | — 4.6                          | 35.7              | 0.5   | 1.2    | 0.0  | 93                       | 39.2          | 33.8     | °                                       | °                                 | °        | °    | °                  | °  | °  | °  | °                  | °  | °  | °   | °  | °  |
| MON. . 17      | ..                  | 30.173   | 35.7        | 28.8     | 6.9          | 32.6              | — 7.9                          | 32.6              | 0.0   | 0.6    | 0.0  | 100                      | 37.5          | 28.8     | °                                       | °                                 | °        | °    | °                  | °  | °  | °  | °                  | °  | °  | °   | °  | °  |
| TUES. . 18     | Full                | 29.987   | 35.7        | 26.4     | 9.3          | 33.3              | — 9.9                          | 30.3              | 0.0   | 0.3    | 0.0  | 100                      | 55.2          | 26.4     | °                                       | °                                 | °        | °    | °                  | °  | °  | °  | °                  | °  | °  | °   | °  | °  |
| WED. . 19      | Greatest Dec. N.    | 29.715   | 49.2        | 35.7     | 13.5         | 44.2              | + 4.2                          | 42.7              | 1.5   | 4.0    | 0.5  | 94                       | 58.5          | 27.9     | °                                       | °                                 | °        | °    | °                  | °  | °  | °  | °                  | °  | °  | °   | °  | °  |
| THURS. . 20    | ..                  | 29.433   | 48.5        | 39.7     | 8.8          | 44.4              | + 4.6                          | 42.0              | 2.4   | 5.9    | 0.0  | 91                       | 70.0          | 33.2     | °                                       | °                                 | °        | °    | °                  | °  | °  | °  | °                  | °  | °  | °   | °  | °  |
| FRI. . 21      | ..                  | 29.010   | 51.0        | 45.2     | 5.8          | 48.1              | + 8.5                          | 43.7              | 4.4   | 7.2    | 1.0  | 85                       | 64.0          | 40.9     | °                                       | °                                 | °        | °    | °                  | °  | °  | °  | °                  | °  | °  | °   | °  | °  |
| SAT. . 22      | ..                  | 29.075   | 51.7        | 42.5     | 9.2          | 47.3              | + 7.9                          | 43.5              | 3.8   | 7.2    | 0.5  | 87                       | 69.2          | 36.0     | °                                       | °                                 | °        | °    | °                  | °  | °  | °  | °                  | °  | °  | °   | °  | °  |
| MEANS .        | ..                  | 29.685   | 44.4        | 36.0     | 8.4          | 40.4              | + 0.4                          | 38.6              | 1.8   | 3.8    | 0.3  | 94                       | 56.2          | 32.4     | °                                       | °                                 | °        | °    | °                  | °  | °  | °  | °                  | °  | °  | °   | °  | °  |
| No. of Col. .  | 3                   | 4  | 5           | 6        | 7            | 8                 | 9                              | 10                | 11  | 12     | 13   | 14                       | 15            | 16       | 17                                      | 18                                | 19       | 20   | 21                 | 22   | 23 | 24   | 25                 | 26   | 27   | 28  | 29 | 30 |

The height of the cistern of the barometer is 159 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level.

Observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and — "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford, and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are — E, positive; N, negative; w, weak; m, moderate; s, strong; and v, variable.

The numbers in column 29, derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, or from midnight to midnight.

The reading of the barometer increased from 30.25 in. at the beginning of the week to 30.32 in. by the end of the week. The thermometer decreased to 55.91 in. by 4h. A.M. on Sat. and increased to 57.27 in. by the end of the week.

#### GENERAL REMARKS.

Overcast; foggy and gloomy.

Overcast; dense fog.

Generally overcast, with fog variable in density, till evening; variable afterwards.

Generally overcast; warmer.

Fine till evening, then overcast.

Showery in early morning; generally overcast afterwards, with occasional slight rain.

Showery in early morning; generally fine afterwards; slight rain in evening.

# WEEKLY RETURN OF BIRTHS AND DEATHS IN LONDON AND IN TWENTY-SEVEN OTHER GREAT TOWNS.

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No. 52. 1888. VOL. XLIX.] WEEK ENDING SATURDAY, DECEMBER 29. [Price 1½d.

General Register Office, Somerset House,  
31st December, 1888.

## TWENTY-EIGHT GREAT TOWNS.

The deaths registered last week in TWENTY-EIGHT GREAT TOWNS of England and Wales corresponded to an annual rate of 20·8 per 1000 of their aggregate population, which is estimated at \*9,398,273 persons in the middle of this year. The deaths registered in each of the last four weeks in the several towns, alphabetically arranged, corresponded to the following annual rates per 1000:—

| TOWNS.       | Weeks ending |             |             |             | TOWNS.             | Weeks ending |             |             |             |
|--------------|--------------|-------------|-------------|-------------|--------------------|--------------|-------------|-------------|-------------|
|              | Dec.<br>8.   | Dec.<br>15. | Dec.<br>22. | Dec.<br>29. |                    | Dec.<br>8.   | Dec.<br>15. | Dec.<br>22. | Dec.<br>29. |
| Birkenhead   | 13·0         | 23·5        | 20·9        | 20·3        | Liverpool -        | 23·6         | 24·0        | 26·0        | 24·9        |
| Birmingham   | 18·1         | 17·6        | 22·0        | 15·7        | London -           | 17·8         | 17·7        | 22·0        | 20·0        |
| Blackburn -  | 26·3         | 32·4        | 28·9        | 29·8        | Manchester -       | 21·8         | 24·1        | 25·0        | 25·1        |
| Bolton -     | 23·0         | 18·4        | 19·3        | 23·9        | Newcastle-on-Tyne* | 22·0         | 19·0        | 19·0        | 23·3        |
| Bradford* -  | 16·6         | 17·9        | 19·5        | 18·6        | Norwich -          | 19·5         | 18·4        | 24·0        | 15·6        |
| Brighton -   | 20·9         | 13·9        | 17·0        | 16·5        | Nottingham -       | 18·5         | 19·7        | 21·9        | 16·7        |
| Bristol -    | 14·7         | 15·2        | 20·5        | 12·9        | Oldham -           | 22·3         | 21·5        | 23·0        | 24·5        |
| Cardiff* -   | 29·8         | 25·0        | 32·2        | 30·8        | Plymouth -         | 24·8         | 17·5        | 24·2        | 31·6        |
| Derby -      | 9·2          | 17·9        | 13·6        | 12·5        | Portsmouth -       | 16·1         | 18·7        | 17·2        | 19·1        |
| Halifax -    | 18·2         | 11·7        | 15·0        | 22·1        | Preston -          | 14·7         | 21·2        | 24·3        | 23·7        |
| Huddersfield | 18·8         | 20·5        | 20·5        | 28·5        | Salford* -         | 18·0         | 18·0        | 23·3        | 22·4        |
| Hull -       | 14·7         | 14·2        | 18·1        | 12·9        | Sheffield -        | 17·8         | 18·0        | 19·9        | 24·3        |
| Leeds -      | 20·2         | 22·9        | 21·2        | 24·4        | Sunderland -       | 13·1         | 16·2        | 26·5        | 22·5        |
| Leicester* - | 22·0         | 16·7        | 23·5        | 17·1        | Wolverhampton -    | 16·6         | 16·6        | 33·8        | 27·5        |

The highest annual death-rates, measured by last week's mortality, were:— from *measles*, 1·8 in London, in Leicester, and in Bolton, 2·1 in Birkenhead, 2·2 in Leeds, 2·6 in Oldham, 2·9 in Cardiff, 3·7 in Salford, 3·9 in Liverpool, and 4·4 in Blackburn; from *scarlet fever*, 1·0 in Manchester, 1·4 in Bolton, 1·8 in Sheffield, and 2·2 in Blackburn; from *whooping-cough*, 1·1 in Nottingham, 1·2 in Sunderland, 1·6 in Birkenhead, and 2·5 in Preston; and from "*fever*," 1·1 in Huddersfield and 1·3 in Blackburn. The 56 deaths from *diphtheria* in the twenty-eight towns included 34 in London, 9 in Manchester, 3 in Liverpool, 3 in Salford, and 3 in Preston. *Small-pox* caused one death in Bradford, but not one in London or in any of the twenty-six other great towns.

### LONDON.

In LONDON† 1876 BIRTHS and 1641 DEATHS were registered. Allowing for increase of population, the births were 514, and the deaths 323, below the average numbers in the corresponding weeks of the last ten years. The annual death-rate per 1000 from all causes, which had been 17·7 and 22·0 in the two previous weeks, declined again last week to 20·0. During the thirteen weeks ending last Saturday the death-rate averaged 18·9 per 1000, and was 2·1 below the mean rate in the corresponding periods of the ten years 1878–87.

\* The population of each of the 28 towns is estimated on the hypothesis that the rate of increase in the last intercensal period has been maintained since 1881. There are, however, reasons (derived from the numbers of inhabited houses on the rate books) to believe that by this method the populations of Leicester, Salford, and Bradford are over-estimated, and those of Newcastle-upon-Tyne and Cardiff under-estimated; if this be the case, it would follow that the death-rates given above for Leicester, Salford, and Bradford are under-stated, and those for Newcastle-upon-Tyne and Cardiff over-stated.

† Including the Strand Union Workhouse at Edmonston, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.



The 1641 deaths included 147 from measles, 20 from scarlet fever, 34 from diphtheria, 28 from whooping-cough, 8 from enteric fever, 14 from diarrhoea and dysentery, and not one from small-pox, typhus, ill-defined forms of continued fever, or cholera; thus, 251 deaths were referred to these diseases, being one above the corrected average weekly number.

No death from *small-pox* was registered, the corrected average being 11. No small-pox patients were under treatment during the week in the Metropolitan Asylum Hospitals, and only one in the Highgate Small-pox Hospital. The fatal cases of *measles*, which had been 139, 154, and 184 in the three preceding weeks, declined again last week to 147, but exceeded the corrected average by 84; 8 belonged to Fulham, 9 to Islington, 14 to Hackney, 11 to Bethnal Green, 7 to Newington, 10 to Lambeth, 16 to Battersea, and 13 to Camberwell sanitary areas. The deaths from *scarlet fever*, which had been 17 and 25 in the two previous weeks, declined again last week to 20, and were 26 below the corrected average; 2 belonged to Islington, 2 to Hackney, 3 to Bethnal Green, 2 to Poplar, 2 to Newington, and 2 to Battersea sanitary areas. At the end of the week the Metropolitan Asylum and London Fever Hospitals contained 791 scarlet fever patients, against numbers declining in the six preceding weeks from 980 to 793; 44 cases were admitted during the week, against numbers declining from 96 to 47 in the four previous weeks. The fatal cases of *diphtheria*, which had been 39 in each of the two preceding weeks, declined last week to 34, but exceeded the corrected average by 15; 2 belonged to Kensington, 2 to Hammersmith, 2 to Westminster, 3 to Pancras, 3 to Islington, 2 to Bethnal Green, 2 to Whitechapel, 2 to Poplar, 4 to Lambeth, 2 to Battersea, and 2 to Wandsworth sanitary areas. The 28 fatal cases of *whooping-cough* showed a further slight increase upon the low numbers in recent weeks, but were 48 below the corrected average; 16 occurred in South London, of which 4 belonged to St. George Southwark, 4 to Lambeth, and 3 to Camberwell sanitary areas. The 14 deaths attributed to *diarrhoea* and *dysentery* were two below the number in the previous week, and corresponded with the corrected average.

The deaths referred to *enteric fever*, which had been 18 and 12 in the two previous weeks, further declined to 8 last week, and were 10 below the corrected average; 2 belonged to Islington sanitary area. The Metropolitan Asylum Hospitals contained 72 cases of enteric fever, and not one of typhus on Saturday last; 4 cases of enteric fever were admitted during the week, against 5 and 6 in the two preceding weeks.

The deaths referred to diseases of the respiratory organs, which had increased in the four preceding weeks from 258 to 440, declined last week to 412, and were 145 below the corrected average.

Different forms of violence caused 52 deaths; 48 were the result of negligence or accident, among which were 15 from fractures and contusions, 5 from burns and scalds, 5 from drowning, 1 of a tarpaulin maker from plumbism, and 21 of infants under one year of age from suffocation. The 15 deaths from fractures were thus caused:—4 by accidents from vehicles in street; 1 by accident on railway; 1 by fall in street; 4 by fall down stairs; 1 by fall in room; 1 by fall from window; 1 by fall into ship's hold; 1 by blow from crane; and 1 by fracture, the cause of which was not stated. An inquest was held in each of these 15 cases, except the last. Four cases of suicide were registered, the corrected average being 7.

#### GREATER LONDON.

In Greater London 2380 births and 2053 deaths were registered, corresponding to annual rates of 22·5 and 19·4 per 1000 of the estimated population. In the Outer Ring 17 deaths from measles, 9 from whooping-cough, and 5 from "fever" were registered. Seven deaths from measles and 2 from scarlet fever occurred in West Ham sub-district; and 2 deaths from "fever" were returned in Tottenham and in Enfield sub-districts.

#### METEOROLOGY.

At the Royal Observatory, Greenwich, the mean reading of the *barometer* last week was 29·51 ins.; the lowest reading was 29·27 ins. at the beginning of the week, and the highest 29·81 ins. at the end of the week. The mean temperature of the *air* was 42°·5, and 3°·4 above the average in the corresponding weeks of the 20 years ending 1868. The mean exceeded the average on each of the first six days of the week, but was slightly below the average on Saturday. The general direction of the *wind* was South-westerly, and the horizontal movement of the *air* averaged 14·0 miles per hour, which was 1·4 mile above the average in the corresponding weeks of 16 years. *Rain* fell on five days of the week, to the aggregate amount of 0·66 of an inch. The duration of registered bright sunshine in the week was 4·6 hours, against 3·4 hours at Glynde Place, Lewes.

TABLE 1.—Births, Deaths, and Meteorology in 28 Great Towns, during the Week ending 29th December, 1888.

| CITIES<br>AND<br>BOROUGHs. | Registered during<br>the Week ending<br>29th Dec., 1888. |         |         | The Deaths registered in the Week include |  |             |          |                   |             |                     |        |            |           | TEMPERATURE OF THE AIR. |                                      |   |                     |                           |             |      |             |      |      | RAINFALL. |      | CITIES<br>AND<br>BOROUGHs. |            |                 |
|----------------------------|--|---------|---------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-------------------------|--------------------------------------|---|---------------------|---------------------------|-------------|------|-------------|------|------|-----------|------|----------------------------|------------|-----------------|
|                            | POPULATION<br>to the<br>middle of<br>1888.               | BIRTHS. | DEATHS. | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |                         |                                      | Annual Rate<br>per 1000,<br>corresponding<br>to the<br>Week's Deaths. |                     |                           |             |      |             |      |      |           |      |                            | In Inches. | In Centi-<br>f. |
|                            |  |         |         | Infants under<br>1 Year of<br>Age.        | Persons aged<br>1 Year and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Dysentery. | Violence. | Inquest Cases.          | Deaths in<br>Public<br>Institutions. | Unclassified<br>Causes of Death.                                      | From All<br>Causes. | From Diseases in<br>1888. | Fahrenheit. |      | Centigrade. |      |      |           |      |                            |            |                 |
|                            |  |         |         | 4.  | 5.                                     | 6.          | 7.       | 8.                | 9.          | 10.                 | 11.    | 12.        | 13.       | 14.                     | 15.                                  | 16.   | 17.                 | 18.                       | 19.         | 20.  | 21.         | 22.  | 23.  | 24.       |      |                            |            |                 |
| 28 Towns*                  | 9,398,273  | 4205    | 3742    | 855                                       | 847                                    | 1           | 288      | 69                | 56          | 101                 | 33     | 29         | 134       | 252                     | 584                                  | 93  | 20.8                | 3.2                       | 53.2        | 30.0 | 41.2        | 5.11 | 0.97 | 2.46      | -    | 23 Towns.                  |            |                 |
| LONDON*                    | 4,292,921  | 1876    | 1641    | 345                                       | 412                                    | -           | 147      | 20                | 34          | 28                  | 8      | 14         | 52        | 107                     | 335                                  | 22  | 20.0                | 3.1                       | 50.4        | 32.6 | 42.5        | 5.83 | 0.66 | 1.68      | -    | LONDON.                    |            |                 |
| BRIGHTON                   | 119,983  | 32      | 38      | 6   | 14                                     | -           | 1        | 1                 | -           | -                   | 1      | -          | 1         | -                       | 13                                   | -   | 16.5                | 1.3                       | 51.0        | 34.0 | 43.1        | 6.17 | 1.03 | 2.63      | -    | BRIGHTON.                  |            |                 |
| PORTSMOUTH                 | 189,575  | 61      | 51      | 16  | 13                                     | -           | -        | -                 | -           | -                   | -      | -          | 3         | 7                       | 7                                    | 1   | 19.1                | 0.4                       | -           | -    | -           | -    | -    | -         | -    | PORTSMOUTH.                |            |                 |
| NORWICH                    | 88,675   | 42      | 28      | 9   | 8                                      | -           | -        | -                 | -           | -                   | -      | -          | 1         | 3                       | 2                                    | -   | 15.6                | 0.0                       | -           | -    | -           | -    | -    | -         | -    | NORWICH.                   |            |                 |
| PLYMOUTH                   | 77,674   | 45      | 47      | 11  | 21                                     | -           | 1        | 1                 | 1           | 1                   | 1      | -          | 3         | 5                       | 4                                    | 2   | 12.9                | 1.2                       | 53.2        | 35.5 | 45.0        | 7.22 | 1.38 | 3.25      | -    | PLYMOUTH.                  |            |                 |
| BRISTOL                    | 226,510  | 86      | 56      | 13  | 17                                     | -           | 1        | 1                 | -           | 2                   | 1      | -          | 3         | 5                       | 4                                    | 2   | 12.9                | 1.2                       | 51.0        | 32.0 | 42.4        | 5.78 | 1.35 | 3.43      | -    | BRISTOL.                   |            |                 |
| WOLVERHAMPTON              | 81,691   | 39      | 43      | 14  | 11                                     | -           | -        | -                 | -           | -                   | -      | -          | 1         | 2                       | 8                                    | -   | 27.5                | 0.0                       | 48.3        | 30.6 | 39.8        | 4.33 | 1.56 | 3.96      | -    | WOLVERHAMPTON.             |            |                 |
| BIRMINGHAM                 | 447,912  | 189     | 135     | 35  | 28                                     | -           | 5        | 1                 | -           | 9                   | 2      | -          | 4         | 10                      | 12                                   | 5   | 15.7                | 2.0                       | -           | -    | -           | -    | -    | -         | -    | BIRMINGHAM.                |            |                 |
| LEICESTER*                 | 146,790  | 74      | 48      | 14  | 11                                     | -           | 5        | -                 | -           | 1                   | 1      | -          | 5         | 15                      | 7                                    | -   | 17.1                | 2.5                       | -           | -    | -           | -    | -    | -         | -    | LEICESTER.                 |            |                 |
| NOTTINGHAM*                | 230,921  | 100     | 74      | 22  | 18                                     | -           | -        | -                 | -           | 1                   | 1      | -          | 5         | 7                       | 5                                    | 1   | 16.7                | 1.6                       | 51.8        | 31.0 | 40.7        | 4.83 | 0.96 | 2.51      | -    | NOTTINGHAM.                |            |                 |
| DERBY                      | 96,241   | 33      | 23      | 4   | 8                                      | -           | -        | -                 | -           | 1                   | 1      | -          | 1         | 1                       | 1                                    | 1   | 12.5                | 1.6                       | -           | -    | -           | -    | -    | -         | -    | DERBY.                     |            |                 |
| BIRKENHEAD                 | 100,093  | 47      | 39      | 13  | 7                                      | -           | 4        | 1                 | -           | 3                   | 1      | 1          | 1         | 2                       | 5                                    | 3   | 20.3                | 5.2                       | -           | -    | -           | -    | -    | -         | -    | BIRKENHEAD.                |            |                 |
| LIVERPOOL                  | 569,738  | 227     | 286     | 56  | 31                                     | -           | 45       | 6                 | 3           | 12                  | 4      | 1          | 12        | 12                      | 4                                    | 15  | 24.9                | 6.2                       | 48.2        | 31.2 | 40.1        | 4.50 | 0.85 | 2.16      | -    | LIVERPOOL.                 |            |                 |
| BOLTON                     | 113,506  | 55      | 52      | 12  | 14                                     | -           | 4        | 3                 | -           | 1                   | -      | -          | 2         | 2                       | 6                                    | 1   | 23.9                | 3.7                       | -           | -    | -           | -    | -    | -         | -    | BOLTON.                    |            |                 |
| MANCHESTER                 | 378,164  | 172     | 182     | 40  | 28                                     | -           | 12       | 7                 | 9           | 7                   | -      | -          | 3         | 7                       | 16                                   | 37  | 2                   | 25.1                      | 5.2         | -    | -           | -    | -    | -         | -    | MANCHESTER.                |            |                 |
| SALFORD*                   | 226,386  | 111     | 97      | 24  | 13                                     | -           | 16       | 4                 | 3           | 1                   | -      | -          | 1         | 3                       | 7                                    | 16  | 9                   | 22.4                      | 5.8         | -    | -           | -    | -    | -         | -    | SALFORD.                   |            |                 |
| OLDHAM                     | 138,220  | 68      | 65      | 7   | 13                                     | -           | 10       | -                 | -           | 1                   | -      | -          | 2         | 4                       | 5                                    | -   | 24.5                | 3.4                       | -           | -    | -           | -    | -    | -         | -    | OLDHAM.                    |            |                 |
| BLACKBURN                  | 119,039  | 57      | 68      | 14  | 13                                     | -           | 7        | -                 | -           | 2                   | 3      | 1          | 1         | 1                       | 6                                    | 2   | 23.8                | 9.2                       | -           | -    | -           | -    | -    | -         | -    | BLACKBURN.                 |            |                 |
| PRESTON                    | 103,234  | 57      | 47      | 13  | 13                                     | -           | -        | -                 | -           | 3                   | 5      | -          | 1         | 1                       | 1                                    | 1   | 3                   | 23.7                      | 4.0         | -    | -           | -    | -    | -         | -    | PRESTON.                   |            |                 |
| HUDDERSFIELD               | 91,419   | 30      | 50      | 12  | 13                                     | -           | 2        | -                 | -           | -                   | -      | -          | 1         | 1                       | 6                                    | -   | 23.5                | 2.9                       | -           | -    | -           | -    | -    | -         | -    | HUDDERSFIELD.              |            |                 |
| HALIFAX                    | 80,183   | 32      | 34      | 7   | 11                                     | -           | -        | -                 | -           | -                   | -      | -          | 1         | 4                       | 3                                    | -   | 22.1                | 0.0                       | -           | -    | -           | -    | -    | -         | -    | HALIFAX.                   |            |                 |
| BRADFORD*                  | 229,721  | 93      | 82      | 23  | 18                                     | 1           | 1        | 1                 | -           | 3                   | -      | -          | 2         | 6                       | 11                                   | 3   | 18.6                | 1.8                       | 49.0        | 32.3 | 41.2        | 5.11 | 1.03 | 2.62      | -    | BRADFORD.                  |            |                 |
| LEEDS                      | 351,210  | 196     | 164     | 47  | 30                                     | -           | 15       | 3                 | -           | 11                  | 1      | -          | 1         | 9                       | 14                                   | 13  | -                   | 24.4                      | 4.5         | -    | -           | -    | -    | -         | -    | LEEDS.                     |            |                 |
| SHEFFIELD                  | 321,711  | 163     | 150     | 44  | 28                                     | -           | 7        | 11                | 1           | 2                   | 1      | -          | 1         | 4                       | 5                                    | 8   | 16                  | 24.3                      | 3.7         | -    | -           | -    | -    | -         | -    | SHEFFIELD.                 |            |                 |
| HULL                       | 202,359  | 96      | 50      | 11  | 14                                     | -           | -        | -                 | -           | -                   | -      | -          | -         | -                       | 9                                    | 5   | 12.9                | 0.3                       | -           | -    | -           | -    | -    | -         | -    | HULL.                      |            |                 |
| SUNDERLAND                 | 131,919  | 76      | 57      | 13  | 15                                     | -           | -        | -                 | -           | 3                   | 2      | 1          | 1         | 4                       | 5                                    | -   | 22.5                | 3.2                       | 48.0        | 30.0 | 39.8        | 4.33 | 0.45 | 1.14      | -    | SUNDERLAND.                |            |                 |
| NEWCASTLE*                 | 159,003  | 96      | 71      | 18  | 14                                     | -           | -        | -                 | -           | -                   | 3      | 1          | 1         | 7                       | 9                                    | 7   | 1                   | 23.3                      | 1.6         | 46.0 | 32.0        | 37.7 | 3.17 | 0.56      | 1.42 | -                          | NEWCASTLE. |                 |
| CARDIFF*                   | 103,570  | 52      | 64      | 12  | 11                                     | -           | 6        | 1                 | -           | 1                   | 1      | 1          | 4         | 7                       | 8                                    | 1   | 30.8                | 4.8                       | -           | -    | -           | -    | -    | -         | -    | CARDIFF.                   |            |                 |
| EDINBURGH                  | 262,733  | 137     | 82      | 12  | 33                                     | -           | -        | 1                 | 1           | 1                   | -      | 2          | 1         | 1                       | 16                                   | 18  | 16.3                | 1.0                       | 46.4        | 31.0 | 38.2        | 3.44 | 0.18 | 0.46      | -    | EDINBURGH.                 |            |                 |
| GLASGOW                    | 526,038  | 335     | 249     | 55  | 36                                     | -           | 8        | 5                 | 8           | 7                   | 3      | 1          | 8         | 9                       | 45                                   | 25  | 24.7                | 3.2                       | 47.3        | 25.0 | 39.0        | 3.89 | 0.59 | 1.50      | -    | GLASGOW.                   |            |                 |
| DUBLIN                     | 363,932  | 123     | 144     | 28  | 39                                     | -           | -        | 2                 | -           | 4                   | 5      | 2          | 7         | 5                       | 53                                   | 16  | 21.3                | 1.9                       | 49.6        | 27.3 | 38.8        | 3.78 | 0.34 | 0.86      | -    | DUBLIN.                    |            |                 |

\* See note on first page of this Return.



## Births and Deaths registered last Week.

TABLE 2. LONDON.—Births and Deaths Registered LAST WEEK, and in the FIFTY-SECOND Weeks of Ten previous Years.

|                     | 1878 | 1879 | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | Corrected<br>Weekly<br>Average<br>in 10 Years<br>1878-87.* | 1888 |
|---------------------|------|------|------|------|------|------|------|------|------|------|--|------|
| <b>TOTAL Births</b> | 1762 | 1749 | 2519 | 2386 | 2181 | 1847 | 1932 | 2096 | 2363 | 2326 | 2389.9   | 1876 |
| Males . .           | 879  | 978  | 1294 | 1199 | 1080 | 945  | 911  | 1503 | 1206 | 1175 | 1215.3   | 974  |
| Females .           | 883  | 771  | 1225 | 1188 | 1051 | 902  | 891  | 1488 | 1162 | 1151 | 1174.6   | 902  |
| <b>TOTAL Deaths</b> | 1900 | 1878 | 1648 | 2079 | 1719 | 1503 | 1430 | 2071 | 1899 | 1832 | 1963.8   | 1641 |
| Males . .           | 933  | 935  | 841  | 1013 | 838  | 772  | 700  | 957  | 965  | 932  | 969.0  | 846  |
| Females .           | 967  | 943  | 807  | 1066 | 881  | 731  | 730  | 1114 | 934  | 900  | 994.8  | 795  |

\* The numbers in this column are the average weekly numbers in the fifty-second weeks of the ten years 1878-87, raised by 9.046 per cent. for increase of population.

TABLE 3. LONDON.—BIRTHS, DEATHS\*, and METEOROLOGY in the Last THIRTEEN WEEKS.

|  | Oct.<br>6 | Oct.<br>13. | Oct.<br>20. | Oct.<br>27. | Nov.<br>3. | Nov.<br>10. | Nov.<br>17. | Nov.<br>24. | Dec.<br>1. | Dec.<br>8. | Dec.<br>15. | Dec.<br>22. | Dec.<br>29. |
|--|-----------|-------------|-------------|-------------|------------|-------------|-------------|-------------|------------|------------|-------------|-------------|-------------|
| <b>TOTAL Births</b>                      | 2413      | 2588        | 2459        | 2666        | 2373       | 2770        | 2606        | 2722        | 2367       | 2644       | 2291        | 2655        | 1876        |
| <b>TOTAL Deaths</b>                      | 1352      | 1536        | 1641        | 1737        | 1613       | 1520        | 1619        | 1409        | 1352       | 1461       | 1455        | 1802        | 1641        |
| 0-20                                     | 676       | 720         | 777         | 849         | 770        | 769         | 825         | 724         | 701        | 765        | 720         | 888         | 779         |
| 20-40                                    | 165       | 219         | 197         | 199         | 189        | 186         | 179         | 167         | 164        | 177        | 178         | 197         | 173         |
| 40-60                                    | 238       | 264         | 297         | 293         | 275        | 227         | 284         | 212         | 217        | 243        | 247         | 286         | 277         |
| 60-80                                    | 224       | 273         | 297         | 325         | 310        | 288         | 260         | 257         | 223        | 228        | 251         | 356         | 335         |
| at 80 years & upwards.                   | 49        | 60          | 73          | 71          | 69         | 50          | 71          | 49          | 47         | 48         | 59          | 75          | 77          |
| Deaths of children                       |           |             |             |             |            |             |             |             |            |            |             |             |             |
| Under 1 year                             | 370       | 388         | 397         | 423         | 383        | 400         | 377         | 342         | 327        | 375        | 307         | 390         | 345         |
| 1-5                                      | 208       | 263         | 277         | 329         | 297        | 281         | 332         | 292         | 288        | 296        | 314         | 375         | 341         |
| 5-20                                     | 98        | 69          | 103         | 97          | 90         | 88          | 116         | 90          | 86         | 94         | 99          | 123         | 93          |
| Deaths from Small-pox                    | -         | -           | -           | 1           | 1          | -           | -           | -           | -          | -          | -           | -           | -           |
| " " Measles                              | 39        | 50          | 40          | 100         | 88         | 109         | 124         | 133         | 141        | 139        | 154         | 184         | 147         |
| " " Scarlet fever                        | 24        | 30          | 33          | 25          | 24         | 18          | 31          | 20          | 24         | 30         | 17          | 25          | 20          |
| " " Diphtheria                           | 85        | 26          | 36          | 31          | 32         | 34          | 44          | 41          | 34         | 35         | 39          | 39          | 34          |
| " " Whooping-cough                       | 5         | 18          | 12          | 18          | 19         | 15          | 17          | 19          | 20         | 13         | 14          | 25          | 23          |
| " " Typhus                               | 1         | -           | -           | -           | -          | -           | -           | 1           | -          | 1          | -           | -           | -           |
| " " Enteric fever                        | 8         | 13          | 19          | 17          | 22         | 14          | 15          | 15          | 11         | 12         | 18          | 12          | 8           |
| " " Simple Cont'd fever                  | -         | 1           | 1           | 2           | -          | -           | -           | 1           | 1          | -          | -           | -           | -           |
| " " Diarrhoea and                        |           |             |             |             |            |             |             |             |            |            |             |             |             |
| Dysentery                                | 72        | 43          | 42          | 30          | 34         | 18          | 16          | 18          | 13         | 19         | 11          | 16          | 14          |
| " " Cholera                              | -         | 2           | -           | 1           | -          | -           | -           | -           | 1          | -          | -           | -           | -           |
| Deaths from the above-mentioned Diseases | 184       | 183         | 223         | 225         | 220        | 208         | 247         | 248         | 245        | 249        | 253         | 301         | 251         |
| " " Dis. of Respiratory System           | 239       | 311         | 364         | 522         | 441        | 373         | 374         | 287         | 253        | 277        | 330         | 440         | 412         |
| " " Phthisis                             | 150       | 175         | 180         | 157         | 149        | 126         | 152         | 132         | 136        | 144        | 160         | 153         | 152         |
| " " Dis. of Circulatory System           | 111       | 138         | 152         | 129         | 138        | 133         | 108         | 105         | 96         | 101        | 109         | 127         | 130         |
| Violent Deaths                           | 51        | 60          | 51          | 57          | 59         | 50          | 60          | 43          | 54         | 62         | 40          | 81          | 52          |
| Inquest Cases                            | 94        | 116         | 109         | 120         | 117        | 110         | 117         | 105         | 103        | 110        | 86          | 154         | 107         |
| Deaths in Public Institutions            | 307       | 346         | 367         | 395         | 369        | 346         | 371         | 311         | 311        | 302        | 353         | 395         | 385         |
| TEMPERATURE OF THE AIR                   |           |             |             |             |            |             |             |             |            |            |             |             |             |
| Mean                                     | 42.7      | 45.0        | 43.5        | 49.2        | 50.3       | 42.1        | 50.5        | 49.0        | 45.7       | 49.1       | 39.3        | 40.4        | 42.5        |
| Mean of Highest readings                 | 52.6      | 54.7        | 53.4        | 58.5        | 54.7       | 47.0        | 55.4        | 53.4        | 49.6       | 54.0       | 38.8        | 44.4        | 47.3        |
| Mean of Lowest readings                  | 33.5      | 36.2        | 34.4        | 40.6        | 46.7       | 37.7        | 45.2        | 44.9        | 41.6       | 43.6       | 27.9        | 36.0        | 36.6        |
| Humidity of the Air                      | 82        | 79          | 87          | 89          | 92         | 86          | 89          | 81          | 89         | 87         | 93          | 94          | 90          |
| Rain-fall in inches                      | 0.11      | 0.02        | 0.60        | 0.00        | 2.68       | 0.20        | 0.40        | 0.11        | 1.77       | 0.17       | 0.00        | 0.13        | 0.66        |
| Registered Sunshine (in hours)           | 33.0      | 24.6        | 24.5        | 25.5        | 3.8        | 12.5        | 8.6         | 6.2         | 6.0        | 11.5       | 3.8         | 6.2         | 4.6         |

\* The deaths include those of London residents in the Strand Union Workhouse at Edmondton, the Holborn Union Workhouse at Mitcham, and the Metropolitan Asylum Hospitals outside Registration London.

## METEOROLOGICAL OBSERVATIONS. (See TABLE 1.)

The following gentlemen have kindly placed their meteorological observations at the disposal of the Registrar General, and the results have been compiled by J. Glaisher, Esq., F.R.S.:—F. E. Sawyer, Esq., F.S.A., F.R.Met.Soc., Brighton; John Merrifield, Esq., LL.D., Plymouth; R. C. Cann Lippincott, Esq., Bristol; F. Simpson, Esq., Wrotham; Wolverhampton; Henry Tomkins, Esq., M.D., Leicester; Arthur Brown, Esq., and B. A. Whitelegg, Esq., M.D., Nottingham; J. Hartnup, Esq., F.R.A.S., Liverpool; H. O. Pilkington, Esq., M.R.C.S., Preston; J. McInnesborough, Esq., F.G.S., F.R.Met.Soc., Bradford; Mr. E. Peak, Hull; A. E. Harris, Esq., L.R.C.P., F.R.G.S., Medical Officer of Health, Sunderland; and Wm. Lyall, Esq., Newcastle-on-Tyne.

TABLE 4. LONDON.—DEATHS Registered at several groups of AGES from different CAUSES in the FIFTY-SECOND Week of the Year 1888.

| CAUSES OF DEATH.                             | Corrected Averages for the 52nd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 29th December 1888. |           |      |      |       |                  |                  |                  |                       |   | CAUSES OF DEATH. | Corrected Averages for the 52nd Weeks of the 10 years 1878-87.* | In the Week ending Saturday, 29th December 1888. |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
|--|---|--|-----------|------|------|-------|------------------|------------------|------------------|-----------------------|---|------------------|---|--|------|------|-------|------------------|------------------|------------------|-----------------------|---|-------|-----|----|----|---|----|----|----|---|--|--|
|  |   | Deaths of Persons of the Ages                    |           |      |      |       |                  |                  |                  |                       |   |                  |   | Deaths of Persons of the Ages                    |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
|  |   | ALL AGES.  | Under 20. | 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. | ALL AGES.   |                  |   | Under 20.  | 0-1. | 1-5. | 5-20. | 20 and under 40. | 40 and under 60. | 60 and under 80. | 80 Years and upwards. |   |       |     |    |    |   |    |    |    |   |  |  |
| ALL CAUSES - - -                             | 1963·8  | 1641   | 345       | 341  | 93   | 173   | 277              | 335              | 77               |                       | Diseases of Organs of Special Sense † - - }               | 2·3              | 1   | -  | -    | 1    | -     | -                | -                | -                |                       | Diseases of Circulatory System - - }      | 142·5 | 130 | 3  | 3  | 9 | 17 | 51 | 39 | 3 |  |  |
| Small-pox { Vaccinated † - - -               | 11·0 {  | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Croup - - - - -   | 18·9             | 8   | 1  | 6    | 1    | -     | -                | -                | -                | -                     | Whooping-cough - -                        | 75·6  | 28  | 12 | 16 | - | -  | -  | -  | - |  |  |
| Unvaccinated - - -                           |   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Bronchitis - - - -  | 388·5            | 281   | 59   | 47   | 2    | 9     | 26               | 35               | 23               | -                     | Diphtheria - - - -                        | 18·6  | 34  | 5  | 19 | 9 | 1  | -  | -  | - |  |  |
| No Statement - - -                           |   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Pneumonia - - - -   | 115·8            | 107   | 21   | 34   | 5    | 16    | 17               | 13               | 1                | -                     | Enteric Fever - - -                       | 18·3  | 8   | 1  | -  | 1 | 6  | -  | -  | - |  |  |
| Measles - - - - -                            | 62·8  | 147  | 23        | 109  | 14   | 1     | -                | -                | -                | -                     | Pleurisy - - - - -  | 6·7              | 2   | -  | -    | -    | 1     | -                | -                | -                | -                     | Cholera - - - - -                         | 0·2   | -   | -  | -  | - | -  | -  | -  | - |  |  |
| Scarlet Fever - - -                          | 46·1  | 20   | 3         | 9    | 7    | 1     | -                | -                | -                | -                     | Other Diseases of Respiratory System - - }                | 57·0             | 34  | 6  | 8    | 2    | 4     | 5                | 11               | -                | -                     | Diarrhoea, Dysentery -                    | 14·3  | 14  | 0  | 4  | - | -  | -  | 1  | - |  |  |
| Typhus - - - - -                             | 0·7   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Dentition † - - - -                                       | 12·3             | 15  | 6  | 9    | -    | -     | -                | -                | -                | -                     | Remittent Fever † - -                     | 0·4   | -   | -  | -  | - | -  | -  | -  | - |  |  |
| Relapsing Fever † -                          | 0·0   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Quinsy, Sore Throat †                                     | 2·6              | 2   | -  | -    | -    | -     | -                | -                | -                | -                     | Hydrophobia - - -                         | 0·1   | -   | -  | -  | - | -  | -  | -  | - |  |  |
| Influenza - - - -                            | 0·2   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Enteritis - - - - -                                       | 6·9              | 4   | 1  | -    | -    | -     | -                | -                | -                | -                     | Glanders - - - - -                        | 0·0   | -   | -  | -  | - | -  | -  | -  | - |  |  |
| Whooping-cough - -                           | 75·6  | 28   | 12        | 16   | -    | -     | -                | -                | -                | -                     | Peritonitis - - - -                                       | 9·3              | 6   | -  | -    | -    | -     | -                | -                | -                | -                     | Cowpox and Effects of Vaccination † - - } | 0·2   | -   | -  | -  | - | -  | -  | -  | - |  |  |
| Diphtheria - - - -                           | 18·6  | 34   | 5         | 19   | 9    | 1     | -                | -                | -                | -                     | Diseases of Liver - -                                     | 33·5             | 20  | 1  | -    | 1    | 3     | 11               | 13               | -                | -                     | Veneral Affections -                      | 10·0  | 8   | 5  | 2  | 1 | -  | -  | -  | - |  |  |
| Simple Continued and Ill-defined Fever - }   | 3·0   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Other Diseases of Digestive System - }                    | 33·9             | 22  | 5  | -    | 1    | 9     | 2                | 12               | -                | -                     | Erysipelas - - - -                        | 7·4   | 2   | -  | -  | 1 | -  | -  | 1  | - |  |  |
| Enteric Fever - - -                          | 18·3  | 8  | 1         | -    | 1    | 6     | -                | -                | -                | -                     | Diseases of Lymphatic System & of Ductless Glands † - - } | 1·4              | -   | -  | -    | -    | -     | -                | -                | -                | -                     | Pyæmia and Septicæmia †                   | 1·9   | 1   | 1  | -  | - | -  | -  | -  | - |  |  |
| Cholera - - - - -                            | 0·2   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Diseases of Urinary System - - }                          | 45·1             | 47  | 1  | 2    | 3    | 6     | 17               | 15               | 4                | -                     | Puerperal Fever - - -                     | 6·4   | 5   | -  | -  | - | 4  | 1  | -  | - |  |  |
| Diarrhoea, Dysentery -                       | 14·3  | 14   | 0         | 4    | -    | -     | -                | -                | 1                | -                     | Diseases of Generative System - }                         | 6·7              | 2   | -  | -    | -    | -     | 1                | 1                | -                | -                     | Other Zymotic Diseases †                  | 2·3   | 2   | -  | 1  | - | -  | 1  | -  | - |  |  |
| Remittent Fever † -                          | 0·4   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Accidents of Childbirth - }                               | 4·7              | 3   | -  | -    | -    | 2     | 1                | -                | -                | -                     | Thrush - - - - -                          | 1·7   | 1   | 1  | -  | - | -  | -  | -  | - |  |  |
| Hydrophobia - - -                            | 0·1   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Diseases of Locomotive System † - - }                     | 8·1              | 6   | 1  | 1    | 3    | -     | -                | 1                | -                | -                     | Worms and other Parasitical Diseases - }  | 0·8   | -   | -  | -  | - | -  | -  | -  | - |  |  |
| Glanders - - - - -                           | 0·0   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Diseases of Integumentary System - - }                    | 7·3              | 4   | -  | 1    | 1    | -     | -                | 2                | -                | -                     | Starvation, Want of Breast-milk † - - }   | 1·6   | -   | -  | -  | - | -  | -  | -  | - |  |  |
| Cowpox and Effects of Vaccination † - - }    | 0·2   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | VIOLENT DEATHS. §   |                  |   |  |      |      |       |                  |                  |                  | -                     | Alcoholism - - - -                        | 5·3   | 6   | -  | -  | - | 8  | 3  | -  | - |  |  |
| Veneral Affections -                         | 10·0  | 8  | 5         | 2    | 1    | -     | -                | -                | -                | -                     | ACCIDENT.)  |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
| Erysipelas - - - -                           | 7·4   | 2  | -         | -    | 1    | -     | -                | -                | 1                | -                     | Fracture and Contusion -                                  | 19·3             | 15  | -  | 1    | 2    | 3     | 4                | 5                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Pyæmia and Septicæmia †                      | 1·9   | 1  | 1         | -    | -    | -     | -                | -                | -                | -                     | Gunshot Wound - - -                                       | 0·4              | -   | -  | -    | -    | -     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Puerperal Fever - - -                        | 6·4   | 5  | -         | -    | -    | 4     | 1                | -                | -                | -                     | Cut, Stab - - - - -                                       | 0·4              | -   | -  | -    | -    | -     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Other Zymotic Diseases †                     | 2·3   | 2  | -         | 1    | -    | -     | 1                | -                | -                | -                     | Burn and Scald - - -                                      | 9·7              | 5   | -  | 3    | 1    | -     | -                | 1                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Thrush - - - - -                             | 1·7   | 1  | 1         | -    | -    | -     | -                | -                | -                | -                     | Poison - - - - -  | 1·2              | 1   | -  | -    | -    | 1     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Worms and other Parasitical Diseases - }     | 0·8   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Drowning - - - - -  | 3·8              | 5   | -  | -    | -    | 1     | 2                | 2                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Starvation, Want of Breast-milk † - - }      | 1·6   | -  | -         | -    | -    | -     | -                | -                | -                | -                     | Suffocation - - - -                                       | 23·3             | 21  | 21   | -    | -    | -     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Alcoholism - - - -                           | 5·3   | 6  | -         | -    | -    | -     | 8                | 3                | -                | -                     | Otherwise - - - - -                                       | 2·9              | 1   | -  | -    | -    | 1     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Rheumatic Fever, Rheumatism of Heart†        | 10·6  | 2  | -         | -    | -    | -     | 1                | 1                | -                | -                     | (HOMICIDE.)   |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
| Rheumatism † - - -                           | 2·3   | 2  | -         | -    | -    | -     | 1                | 1                | -                | -                     | Murder & Manslaughter                                     | 1·0              | -   | -  | -    | -    | -     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Gout - - - - -                               | 4·3   | 1  | -         | -    | -    | -     | -                | -                | 1                | -                     | (SUICIDE.)  |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
| Rickets † - - - - -                          | 2·3   | 2  | -         | 2    | -    | -     | -                | -                | -                | -                     | Gunshot Wound - - -                                       | 0·8              | -   | -  | -    | -    | -     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Cancer - - - - -                             | 51·6  | 66   | -         | -    | -    | 7     | 28               | 28               | 3                | -                     | Cut, Stab - - - - -                                       | 1·4              | 1   | -  | -    | -    | 1     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Typhoid Mesenterica -                        | 23·2  | 21   | 15        | 4    | 2    | -     | -                | -                | -                | -                     | Poison - - - - -  | 1·7              | 1   | -  | -    | -    | -     | -                | 1                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Tubercular Meningitis -                      | 25·6  | 21   | 3         | 13   | 5    | -     | -                | -                | -                | -                     | Drowning - - - - -  | 1·2              | 1   | -  | -    | -    | -     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Phthisis - - - - -                           | 183·4   | 152  | 3         | 5    | 12   | 65    | 54               | 13               | -                | -                     | Hanging - - - - -   | 0·9              | 1   | -  | -    | -    | 1     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Scrophula, Tuberculosis -                    | 14·3  | 20   | 5         | 9    | -    | 2     | 4                | -                | -                | -                     | Otherwise - - - - -                                       | 0·5              | 1   | -  | -    | -    | -     | 1                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Other Constitutional Diseases † - - }        | 12·3  | 5  | -         | -    | -    | 2     | 2                | -                | 1                | -                     | (EXECUTION.)  |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
| Premature Birth - - -                        | 37·0  | 41   | 41        | -    | -    | -     | -                | -                | -                | -                     | Hanging - - - - -   | 0·0              | -   | -  | -    | -    | -     | -                | -                | -                | -                     |   |       |     |    |    |   |    |    |    |   |  |  |
| Atelectasis † - - - -                        | 3·3   | 1  | 1         | -    | -    | -     | -                | -                | -                | -                     | OTHER CAUSES † - -  | 69·1             | 58  | 49   | 6    | -    | -     | -                | 1                | 2                | -                     | -   |       |     |    |    |   |    |    |    |   |  |  |
| Congenital Malformations - }                 | 6·1   | 10   | 8         | 2    | -    | -     | -                | -                | -                | -                     |   |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
| Old Age - - - - -                            | 68·2  | 59   | -         | -    | -    | -     | -                | 31               | 23               | -                     |   |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
| Apoplexy - - - - -                           | 53·7  | 44   | 1         | 2    | 1    | 5     | 13               | 21               | 1                | -                     |   |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
| Epilepsy - - - - -                           | 9·9   | 5  | -         | -    | -    | 1     | 1                | 2                | 1                | -                     |   |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
| Convulsions - - - -                          | 55·8  | 33   | 27        | 6    | -    | -     | -                | -                | -                | -                     |   |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |
| Other Diseases of Brain and Nervous System } | 94·7  | 87   | 8         | 16   | 4    | 0     | 17               | 31               | 5                | -                     |   |                  |   |  |      |      |       |                  |                  |                  |                       |   |       |     |    |    |   |    |    |    |   |  |  |

Note.—The figures in this Table include deaths of London residents in the Strand and Holborn Union Workhouses, and in the Metropolitan Asylum Hospitals, outside Registration London (see Table 5).

\* The numbers in this column are the average weekly deaths for the ten years 1878-87, raised by 9·04 per cent. for increase of population.

† As the ten years average could not be correctly ascertained, the average for the six years 1832-7 has been used.

‡ Those cases of small-pox only are returned as "vaccinated" or as "unvaccinated," which are so certified by registered medical men. When the medical attendant does not certify that the deceased has, or has not, been vaccinated, or when the cause of death is not certified by a registered practitioner, the case is returned under the heading "no statement."

§ The evidence at inquest is often insufficient to enable the Coroner to certify whether a violent death be the result of accident, murder, manslaughter, or suicide. All such cases are classed under "accident or negligence."



TABLE 5. LONDON.—POPULATION; BIRTHS, DEATHS FROM ALL CAUSES, and from SMALL-POX, MEASLES, SCARLET during the Week ending

| REGISTRATION<br>SUB-DISTRICTS.  | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | Total<br>Births during the<br>Week. | Total<br>Deaths during the<br>Week. | The DEATHS registered in the Week include |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |
|---|--|-------------------------------------|-------------------------------------|---|-------------------------------------|-------------|----------|----------------|-------------|-----------------|---------|--------------------------------|------------------------------|------------|-----------|----------------|-----------------------------------|---------------------|
|   |  |                                     |                                     | Deaths of                                 |                                     | Deaths from |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |
|   |  |                                     |                                     | Infants under 1<br>Year of Age.           | Persons aged 60<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Typhus. | Enteric (or<br>Typhoid) Fever. | Simple con-<br>tinued Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unclassified Causes |
| LONDON . . . .  | 3,815,704                                    | 1876                                | 1641                                | 345                                       | 412                                 | -           | 147      | 20             | 34          | 28              | -       | 8                              | -                            | 14         | 52        | 107            | 335                               | 23                  |
| West Districts . . . .  | 606,688                                      | 281                                 | 289                                 | 56  | 83                                  | -           | 22       | 1              | 7           | 6               | -       | 1                              | -                            | 5          | 7         | 17             | 71                                | 4                   |
| North Districts . . . .   | 5,847  | 421                                 | 371                                 | 68  | 115                                 | -           | 31       | 7              | 6           | 2               | -       | 8                              | -                            | 4          | 10        | 23             | 74                                | -                   |
| Central Districts . . . .   | 282,238                                      | 104                                 | 103                                 | 23  | 23                                  | -           | 10       | -              | 3           | -               | -       | -                              | -                            | -          | 7         | 14             | 30                                | 1                   |
| East Districts . . . .  | 692,738                                      | 356                                 | 336                                 | 72  | 67                                  | -           | 27       | 4              | 6           | 4               | -       | 1                              | -                            | 1          | 13        | 28             | 84                                | 3                   |
| South Districts . . . .   | 1,265,148                                    | 714                                 | 552                                 | 128                                       | 124                                 | -           | 87       | 8              | 12          | 16              | -       | 3                              | -                            | 4          | 15        | 27             | 76                                | 14                  |
| METROPOLITAN ASYLUM Hos-<br>PITALS      SIDE REGISTRATION<br>LONDON . . . . . | -  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| WEST DISTRICTS.   |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |
| St. Mary Paddington WHH G.J. & W.M.   | 69888  | 83                                  | 80                                  | 5   | 12                                  | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | 1         | -              | 2                                 | -                   |
| St. John Paddington H - - G.J.  | 37380  | 14                                  | 9                                   | 1   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Kensington Town Ww - - W.M.   | 120141                                       | 42                                  | 48                                  | 8   | 16                                  | -           | 1        | -              | 2           | 2               | -       | -                              | -                            | 2          | -         | 2              | 19                                | -                   |
| Brompton HH - - W.M. & C.   | 43010  | 5                                   | 14                                  | 1   | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 8                                 | -                   |
| St. Peter Hammersmith - - W.M.  | 7269   | 1                                   | 1                                   | -   | -                                   | -           | -        | -              | 2           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| St. Paul Hammersmith H W.M. & G.J.  | 64340  | 87                                  | 85                                  | 11  | 11                                  | -           | 4        | -              | 2           | -               | -       | 1                              | -                            | 2          | 2         | 7              | 9                                 | 2                   |
| Fulham Ww - - W.M. & C.   | 42900  | 49                                  | 38                                  | 12  | 6                                   | -           | 8        | 1              | 2           | 1               | -       | -                              | -                            | -          | -         | -              | 3                                 | -                   |
| Chelsea South HHH - - C.  | 30396  | 13                                  | 8                                   | 2   | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | -         | 1              | 1                                 | -                   |
| Chelsea North-west WHHHHH - C.  | 24925  | 6                                   | 21                                  | 2   | 4                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 3              | 14                                | -                   |
| Chelsea North-east - - C.   | 32807  | 17                                  | 11                                  | 8   | 3                                   | -           | -        | -              | -           | 1               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| May Fair Ww - - G.J.  | 30353  | 11                                  | 11                                  | 1   | 2                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 7                                 | -                   |
| Belgrave WHHH - - C.  | 59220  | 19                                  | 23                                  | 3   | 9                                   | -           | 1        | -              | -           | 1               | -       | -                              | -                            | -          | 2         | 2              | 5                                 | 1                   |
| St. John Westminster HHH - - C.   | 35496  | 14                                  | 9                                   | 3   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | 1                                 | 1                   |
| St. Margaret Westminster H - - C.   | 24679  | 6                                   | 15                                  | 3   | 5                                   | -           | 1        | -              | 1           | -               | -       | -                              | -                            | -          | 1         | 1              | 5                                 | -                   |
| St. James Westminster WHH N.R. & G.J.   | 29941  | 7                                   | 7                                   | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                   |
| St. Anne Soho HHHHHHH - N.R.  | 18968  | 7                                   | 4                                   | -   | -                                   | -           | 3        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                   |
| NORTH DISTRICTS.  |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |
| All Souls Marylebone HHHH - W.M.  | 28759  | 14                                  | 15                                  | 2   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 8                                 | -                   |
| Canvash Square HHHH - W.M.  | 14391  | 4                                   | 2                                   | -   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Rectory Marylebone WH G.J. & W.M.   | 24809  | 8                                   | 7                                   | 5   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                   |
| St. Mary Marylebone HHH G.J. & W.M.   | 21118  | 17                                  | 9                                   | -   | 5                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Christchurch Marylebone H - W.M.  | 33700  | 15                                  | 6                                   | 2   | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| St. John Marylebone H - W.M.  | 33638  | 8                                   | 12                                  | 2   | 4                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 | -                   |
| Hampstead WwHHHH N.R. & W.M.  | 45452  | 20                                  | 17                                  | 2   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | 2                   |
| Regent's Park Panacea H - W.M.  | 39115  | 13                                  | 10                                  | 3   | 4                                   | -           | -        | -              | -           | -               | -       | 1                              | -                            | -          | -         | 2              | -                                 | -                   |
| Tottenham-court WHHHH N.R. & W.M.   | 27729  | 9                                   | 21                                  | 1   | 5                                   | -           | 1        | -              | 1           | -               | -       | 1                              | -                            | -          | 1         | 1              | 12                                | -                   |
| Gray's Inn Lane HHH - - N.R.  | 30247  | 10                                  | 13                                  | 1   | 6                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                   |
| Somers Town H - - N.R.  | 84369  | 13                                  | 10                                  | 5   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 1                                 | 2                   |
| Camden Town WH - - N.R.   | 17811  | 11                                  | 11                                  | 2   | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | 1          | 1         | 2              | 7                                 | 6                   |
| Kentish Town W - - N.R.   | 87437  | 41                                  | 41                                  | 9   | 9                                   | -           | 4        | -              | 1           | -               | -       | -                              | -                            | -          | 3         | 7              | 6                                 | -                   |
| Upper Holloway WwWH - - N.R.  | 67946  | 43                                  | 43                                  | 11  | 13                                  | -           | 4        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 4              | 16                                | -                   |
| Islington South-west HH - - N.R.  | 100976                                       | 49                                  | 34                                  | 6   | 8                                   | -           | 3        | 2              | 2           | 1               | -       | 1                              | -                            | -          | -         | -              | 1                                 | -                   |
| Islington South-east - - N.R.   | 61825  | 26                                  | 24                                  | 4   | 9                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Highbury H - - N.R.   | 52048  | 22                                  | 15                                  | 1   | 7                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Stoke Newington H - - N.R.  | 22731  | 7                                   | 13                                  | 1   | 6                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Stamford Hill - - E.L.  | 3277   | 2                                   | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| West Hackney - - N.R.   | 37610  | 16                                  | 13                                  | 2   | 4                                   | -           | 3        | -              | -           | 1               | -       | -                              | -                            | -          | -         | 1              | 1                                 | 1                   |
| Hackney WwWH - - E.L. & N.R.  | 76911  | 49                                  | 37                                  | 6   | 9                                   | -           | 8        | 5              | 1           | -               | -       | 1                              | -                            | 3          | 1         | 1              | 13                                | -                   |
| South Hackney - - E.L.  | 39383  | 24                                  | 8                                   | 1   | 2                                   | -           | 2        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                   |
| CENTRAL DISTRICTS.  |  |                                     |                                     |   |                                     |             |          |                |             |                 |         |                                |                              |            |           |                |                                   |                     |
| St. George Bloomsbury - - N.R.  | 16681  | 8                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| St. Giles South WH - - N.R.   | 14894  | 13                                  | 4                                   | 1   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                   |
| St. Giles North - - N.R.  | 18897  | 2                                   | 1                                   | -   | -                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| St. Martin-in-the-Fields HH N.R. & C.   | 17508  | 3                                   | 4                                   | 1   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                   |
| St. Mary-le-Strand H - - N.R.   | 7515   | 1                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| St. Clement Dances H - - N.R.   | 8559   | 2                                   | 10                                  | 2   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 6                                 | 3                   |
| Strand Union Workhouse, Edmonton w.   | -  | -                                   | 3                                   | -   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| St. Geo.-the-Martyr HHHHHHH N.R.  | 18671  | 3                                   | 7                                   | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 2                                 | -                   |
| St. Andrew Eastern W - - N.R.   | 10706  | 4                                   | 6                                   | 2   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                   |
| Saffron Hill H - - N.R.   | 6583   | 2                                   | 4                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| St. James Clerkenwell - - N.R.  | 17516  | 9                                   | 7                                   | 2   | -                                   | -           | 1        | 1              | -           | -               | -       | -                              | -                            | -          | -         | 2              | -                                 | -                   |
| Amwell Clerkenwell - - N.R.   | 19281  | 4                                   | 3                                   | 2   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                   |
| Pentonville - - N.R.  | 14773  | 3                                   | 7                                   | 2   | 2                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 1              | -                                 | -                   |
| Goswell-street - - N.R.   | 17508  | 7                                   | 4                                   | 2   | 1                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Old-street H - - N.R.   | 11541  | 9                                   | 8                                   | 1   | 1                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                   |
| City-road HHL - - N.R.  | 18623  | 14                                  | 9                                   | 2   | 3                                   | -           | 1        | -              | -           | -               | -       | -                              | -                            | -          | 1         | 4              | 3                                 | -                   |
| Whitecross-street - - N.R.  | 9217   | 5                                   | 2                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Finsbury - - N.R.   | 7463   | 3                                   | 4                                   | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | 1              | 2                                 | -                   |
| Holborn Union Workhouse, Mitcham, w.  | -  | -                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| St. Botolph H - - N.R. & E.L.   | 11174  | 5                                   | 6                                   | 1   | 3                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | 1                                 | -                   |
| Cripplegate - - N.R.  | 7193   | 2                                   | -                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| St. Sepulchre H - - N.R.  | 5383   | 1                                   | 13                                  | -   | 2                                   | -           | -        | -              | -           | 2               | -       | -                              | -                            | -          | -         | -              | 13                                | -                   |
| St. Bride W - - N.R.  | 8596   | 1                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Alhallowes Barking - - N.R.   | 13686  | 2                                   | 3                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |
| Broad Street H - - N.R.   | 8652   | 1                                   | 1                                   | -   | -                                   | -           | -        | -              | -           | -               | -       | -                              | -                            | -          | -         | -              | -                                 | -                   |

NOTE.—The Italic letters placed against the names of the sub-districts denote Public Institutions situated therein, namely: W—Workhouse; H—Hospital; L—Lunatic Asylum; w—A Workhouse Establishment receiving inmates from other Districts than that in which it stands; see note at the foot of next page. The Roman capitals signify the Water Companies which supply the different sub-districts:—G.J., Grand Junction Company; W.M., West Middlesex; C., Chelsea; S., Southwark and Vauxhall; L., Lambeth; N.R., New River; E.L., East London and K., the Kent Company.





TABLE 6.—LONDON.—OUTER RING.—AREA; POPULATION; BIRTHS and DEATHS registered during the Week ending Saturday, 29th December, 1888.

| REGISTRATION<br>District<br>and<br>Sub-<br>district<br>Num-<br>bers. | REGISTRATION<br>SUB-DISTRICTS.     | Area<br>in<br>Acres,<br>includ-<br>ing<br>Tidal<br>Water<br>and<br>Fore-<br>shore. | Enu-<br>merated<br>Popu-<br>lation,<br>1881. | BIRTHS. | DEATHS. | The DEATHS registered in the Week include— |                                     |             |          |                |             |                 |        |            |           |                |                                   |                     |
|--|------------------------------------|--|--|---------|---------|--|-------------------------------------|-------------|----------|----------------|-------------|-----------------|--------|------------|-----------|----------------|-----------------------------------|---------------------|
|  |                                    |  |  |         |         | Deaths of                                  |                                     | Deaths from |          |                |             |                 |        |            |           |                |                                   |                     |
|  |                                    |  |  |         |         | Infants under 1<br>Year of Age.            | Persons aged 66<br>Years & upwards. | Small-pox.  | Measles. | Scarlet Fever. | Diphtheria. | Whooping-cough. | Fever. | Diarrhoea. | Violence. | Inquest Cases. | Deaths in Public<br>Institutions. | Unspecified Causes. |
| LONDON—OUTER RING  |                                    | 370,924  | 950,957                                      | 504     | 412     | 95   | 110                                 | -           | 17       | 4              | 4           | 9               | 5      | -          | 11        | 25             | 40                                |                     |
| 80:1   | Carshalton <i>wL</i> -             | 12228  | 21118  | 11      | 4       | 1  | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                     |
| 2  | Epsom (part of)* <i>WwH</i> -      | 9971   | 10710  | 6       | 3       | 3  | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | 3                                 |                     |
| 37:1   | Godstone (part of)* -              | 2754   | 1235   | -       | -       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 38:1   | Croydon <i>WwHHL</i> -             | 20351  | 101341                                       | 37      | 34      | 10   | 7                                   | -           | 2        | -              | 1           | -               | -      | -          | 1         | 2              | 5                                 |                     |
| 2  | Mitcham <i>w†</i> -                | 11697  | 17932  | -       | 5       | 3  | -                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 39:1   | Wimbledon <i>HHH</i> -             | 3220   | 15950  | 1       | 5       | -  | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 2  | Kingston <i>WHH</i> -              | 8549   | 36354  | 18      | 13      | 3  | 6                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 4                                 |                     |
| 3  | Esher (part of)* -                 | 6901   | 9221   | 3       | 3       | 2  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                     |
| 4  | Hampton <i>H</i> -                 | 4573   | 13539  | 11      | 7       | 3  | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 40:1   | Richmond <i>WH</i> -               | 2272   | 21302  | 8       | 8       | 4  | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 2  | Mortlake -                         | 2941   | 12331  | 4       | 6       | 1  | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 41:1   | Bromley (pt. of)* <i>HH</i> -      | 15949  | 31142  | 5       | 9       | 3  | 4                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | -                                 |                     |
| 2  | Chislehurst (pt. of)* <i>WHH</i> - | 14307  | 15844  | 6       | 7       | 2  | 3                                   | -           | -        | -              | -           | -               | -      | -          | 1         | -              | 3                                 |                     |
| 42:1   | Bexley <i>H</i> -                  | 13437  | 24134  | 8       | 8       | 3  | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                     |
| 2  | Dartford (W, pts. of)* -           | -  | -  | -       | -       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 124:1  | Sunbury <i>w</i> -                 | 11055  | 11645  | 1       | 2       | 1  | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                     |
| 2  | Staines <i>W</i> -                 | 13277  | 12089  | 3       | 2       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 125:1  | Hillingdon <i>WHH</i> -            | 6029   | 10892  | 5       | 7       | 1  | 3                                   | -           | -        | -              | -           | -               | 1      | -          | -         | -              | 1                                 |                     |
| 2  | Uxbridge -                         | 6173   | 3225   | 4       | 3       | 1  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 3  | Hayes <i>wHL</i> -                 | 14837  | 11523  | 6       | 4       | -  | 2                                   | -           | -        | -              | -           | -               | -      | -          | 2         | 2              | 1                                 |                     |
| 126:1  | Isleworth <i>WHH</i> -             | 7003   | 22727  | 9       | 14      | 2  | 7                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 1              | 1                                 |                     |
| 2  | Twickenham <i>H</i> -              | 2477   | 12479  | 8       | 2       | -  | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 3  | Brentford <i>HL</i> -              | 4345   | 27949  | 14      | 15      | 3  | 2                                   | -           | -        | -              | -           | -               | -      | -          | 1         | 3              | 2                                 |                     |
| 4  | Chiswick -                         | 1340   | 15,775                                       | 6       | 4       | -  | 2                                   | -           | -        | -              | -           | -               | -      | -          | -         | 1              | -                                 |                     |
| 5  | Acton <i>wH</i> -                  | 6963   | 22376  | 17      | 6       | 2  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 127:1  | Harrow <i>H</i> -                  | 13809  | 12795  | 3       | 3       | 1  | -                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |                     |
| 2  | Edgware <i>H</i> -                 | 6994   | 3749   | 1       | -       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 3  | Willesden -                        | 4333   | 27453  | 32      | 17      | 6  | 4                                   | -           | 2        | -              | -           | 1               | -      | -          | -         | 2              | -                                 |                     |
| 4  | Hendon <i>W</i> -                  | 8332   | 10434  | 5       | 5       | 1  | 1                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |                     |
| 137:1  | Bushey -                           | 9331   | 6621   | 2       | -       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 2  | Watford (W, pt. of)* -             | -  | -  | -       | -       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 138:1  | South Mimms -                      | 15599  | 6391   | 2       | 6       | -  | 3                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 1                                 |                     |
| 2  | Barnet -                           | 5433   | 10992  | 3       | 2       | 1  | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 3  | Finchley <i>HL</i> -               | 4638   | 17615  | 8       | 14      | 2  | 1                                   | -           | -        | 1              | -           | -               | -      | -          | -         | -              | 6                                 |                     |
| 135:1  | Hatfield (part of)* -              | 3506   | 683  | -       | -       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 129:1  | Hornsey <i>H</i> -                 | 3039   | 37073  | 20      | 13      | 1  | 4                                   | -           | -        | -              | -           | 2               | -      | -          | -         | 1              | 1                                 |                     |
| 2  | Tottenham <i>H</i> -               | 4542   | 46456  | 43      | 23      | 4  | 6                                   | -           | 1        | -              | -           | 2               | 2      | -          | -         | 2              | 3                                 |                     |
| 3  | Edmonton <i>Ww†</i> -              | 7433   | 23463  | 14      | 11      | 1  | 4                                   | -           | 2        | -              | -           | -               | -      | -          | -         | -              | 1                                 |                     |
| 4  | Enfield <i>WH</i> -                | 12653  | 19104  | 8       | 13      | 5  | 1                                   | -           | -        | -              | -           | -               | 2      | -          | -         | -              | 1                                 |                     |
| 5  | Waltham Abbey -                    | 11017  | 5338   | 2       | 2       | -  | 1                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 6  | Chesham -                          | 8490   | 7,735  | 3       | 4       | -  | 1                                   | -           | -        | -              | 1           | -               | -      | -          | 1         | 1              | -                                 |                     |
| 136:1  | Stratford -                        | 832  | 33803  | 17      | 14      | 2  | 6                                   | -           | -        | -              | -           | 1               | -      | -          | -         | -              | -                                 |                     |
| 2  | West Ham <i>wvwwH‡</i> -           | 7351   | 101053                                       | 69      | 53      | 12   | 1                                   | -           | 7        | 2              | -           | 1               | -      | -          | -         | 1              | 3                                 |                     |
| 3  | Leyton <i>WwL</i> -                | 4372   | 32430  | 33      | 23      | 3  | 6                                   | -           | 1        | -              | 1           | -               | -      | -          | -         | 1              | 1                                 |                     |
| 4  | Walthamstow <i>H</i> -             | 6590   | 23839  | 29      | 16      | 5  | 7                                   | -           | -        | -              | 1           | -               | -      | -          | -         | -              | -                                 |                     |
| 137:1  | Chigwell (part of)* <i>H</i> -     | 11761  | 9339   | 1       | -       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 2  | Epping (W, pt. of)* -              | -  | -  | -       | -       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 139:1  | Romford (part of)* <i>W</i> -      | 6730   | 3411   | -       | 4       | -  | 4                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | 3                                 |                     |
| 2  | Ilford -                           | 8493   | 7645   | 1       | -       | -  | -                                   | -           | -        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |
| 3  | Barking Town -                     | 4127   | 9203   | 8       | 13      | 3  | 3                                   | -           | 1        | -              | -           | -               | -      | -          | -         | -              | -                                 |                     |

\* The parts of sub-districts included within that portion of the Metropolitan Police District which forms the Outer Ring are as follows:—  
 3:2, Epsom sub-district, except the parishes of Ashted and Hendley (pop. 1265); 37:1, the parishes of Warringham and Farley in Godstone sub-district; 39:3, Esher sub-district, except the parish of Esher (pop. 1943); 41:1, Bromley sub-district, except the parishes of Cadman and Knockholt (pop. 1318); 41:2, Chislehurst sub-district, except the parish of Chislefield (pop. 947); 135:1, the parish of Northaw in Hatfield sub-district; 137:1, Chiswell sub-district, except the parish of Theodon Bois (pop. 475); 149:1, the parish of Dag Hamm in Romford sub-district.  
 † 2:2, Dartford, 137:2, Watford, and 137:1, Epping, sub-districts, deaths in Workhouses, belonging to Metropolitan Police District.  
 ‡ Exclusive of deaths of London residents in the Holborn Union Workhouse (see Table 5).  
 § Exclusive of deaths of London residents in Strand Union Workhouse and in Metropolitan Asylum Hospital, Winchmore Hill (see Table 5).  
 ¶ Exclusive of deaths of London residents in the Metropolitan Asylum Hospital at Plaistow (see Table 5).

TABLE 7.—GREATER LONDON (THE METROPOLITAN AND CITY POLICE DISTRICTS).—DEATHS and Rate of MORTALITY during the Week ending Saturday, 29th December, 1888.

| THE<br>GREATER<br>LONDON. | Area<br>in<br>Acres,<br>including<br>tidal<br>water<br>and<br>foreshore. | Estimated<br>Population,<br>middle of<br>1888. | ANNUAL RATE<br>of MORTALITY<br>per 1000 living. |                                      | DEATHS<br>from<br>ALL<br>CAUSES. | The DEATHS registered in the Week include |  |             |          |                   |             |                     |        |            |           |     |  |                                   |
|---------------------------|--|--|---|--------------------------------------|----------------------------------|---|--|-------------|----------|-------------------|-------------|---------------------|--------|------------|-----------|-----|--|-----------------------------------|
|                           |  |  | From<br>All<br>Causes.                          | From<br>Diseases<br>in Col.<br>8-14. |                                  | Deaths of                                 |  | Deaths from |          |                   |             |                     |        |            |           |     |  | Deaths in Public<br>Institutions. |
|                           |  |  |   |                                      |                                  | Infants<br>under<br>1<br>Year<br>of Age.  | Persons<br>aged 60<br>Years<br>and<br>upwards. | Small-pox.  | Measles. | Scarlet<br>Fever. | Diphtheria. | Whooping-<br>cough. | Fever. | Diarrhoea. | Violence. |     |  |                                   |
| Cols.                     | 1.   | 2.   | 3.  | 4.                                   | 5.                               | 6.  | 7.   | 8.          | 9.       | 10.               | 11.         | 12.                 | 13.    | 14.        | 15.       | 16. |  |                                   |
| WATER LONDON              | 448,334  | 5,527,886                                      | 19·4  | 2·7                                  | 2053                             | 440                                       | 522  | -           | 164      | 24                | 38          | 37                  | 13     | 14         | 63        | 375 |  |                                   |
| INNER LONDON -            | 77,410   | 4,282,921                                      | 20·0  | 3·1                                  | 1641                             | 345                                       | 412  | -           | 147      | 20                | 34          | 28                  | 8      | 14         | 52        | 335 |  |                                   |
| OUTER RING -              | 370,924  | 1,244,965                                      | 17·3  | 1·6                                  | 412                              | 95  | 110  | -           | 17       | 4                 | 4           | 9                   | 5      | -          | 11        | 40  |  |                                   |

NOTE.—The area of Greater London is 448,334 acres; of which 4,892 acres are tidal water and foreshore. This area is equal to 0·522 square miles, which is equivalent to the area of a circle having a radius of 14·933 miles.

TABLE 8.—BIRTHS and DEATHS, and Rate of MORTALITY in 30 FOREIGN CITIES, having an estimated Aggregate Population of 16,249,573 Persons.

| CITIES.                           | POPULATION<br>(enumerated<br>or<br>estimated). | DATE<br>OF RETURN.<br>Week ending | BIRTHS.<br>Exclusive of Stillborn. | DEATHS. | ANNUAL<br>DEATH-<br>RATE<br>per 1000<br>living. | DEATHS FROM<br>EPIDEMIC DISEASES.                      |
|-----------------------------------|--|-----------------------------------|------------------------------------|---------|---|--|
| CALCUTTA -                        | 433,219  | November 17                       | -                                  | 261     | 31·4  | Fevers 70; cholera 63; diarr. dis. 29.                 |
| BOMBAY -                          | 773,196  | December 4                        | 371                                | 423     | 24·6  | Fevers 139; cholera 2; small-pox 2.                    |
| MADRAS -                          | 398,777  | November 16                       | 340                                | 247     | 32·2  | Fevers 47; cholera 4; diarr. dis. 35.                  |
| PARIS -                           | 2,260,945                                      | December 22                       | 1104                               | 982     | 22·6  | Typhd. fev. 11; meas. 32; diph. & cp. 38; s.-pox 3.    |
| BRUSSELS -<br>(with 8 Faubourgs.) | 462,069  | " 22                              | 291                                | 208     | 23·4  | Measles 12; small-pox 1.                               |
| AMSTERDAM -                       | 390,016  | " 22                              | 281                                | 191     | 25·4  | Meas. 16; diphtheria 4; whooping-cough 3.              |
| ROTTERDAM -                       | 193,658  | " 22                              | 152                                | 78      | 20·9  | Whooping-cough 3.                                      |
| THE HAGUE -                       | 149,477  | " 22                              | 108                                | 71      | 24·7  | Whooping-cough 3.                                      |
| COPENHAGEN -                      | 300,000  | " 18                              | 186                                | 105     | 18·3  | Diph. 3; scar. fever 2.                                |
| STOCKHOLM -                       | 221,549  | " 15                              | 139                                | 64      | 15·0  | Diph. & croup 7; scarlet fever 2.                      |
| CHRISTIANIA -                     | 135,690  | " 22                              | 67                                 | 50      | 19·2  | Diphtheria and croup 7.                                |
| ST. PETERSBURG                    | 842,883  | " 15                              | -                                  | 456     | 23·2  | Diph. 13; typh. & typhd. fever 7; scar. fev. 8.        |
| BERLIN -                          | 1,438,006                                      | " 8                               | 908                                | 508     | 18·1  | Diphtheria 30; meas. 6; scarlet fever 5.               |
| HAMBURG(State)                    | 550,694  | " 15                              | 359                                | 268     | 25·4  | Diph. & cp. 7; typh. & typhd. fever 6; diarr. dis. 36. |
| DRESDEN -                         | 259,142  | " 15                              | 181                                | 87      | 17·5  | Diphtheria and croup 4.                                |
| BRESLAU -                         | 313,451  | " 22                              | 216                                | 149     | 25·2  | Diph. 14; typh. & typhd. fever 2.                      |
| MUNICH -                          | 275,000  | " 15                              | 186                                | 164     | 31·0  | Diph. & croup 14; measles 11; scar. fev. 4.            |
| VIENNA -                          | 800,836  | " 15                              | 414                                | 323     | 21·1  | Diph. 5; typh. & typhd. fev. 6; scar. fev. 5.          |
| PRAGUE -                          | 295,337  | " 15                              | -                                  | 185     | 32·6  | Small-pox 17; diph. 15; measles 10.                    |
| BUDA-PESTH -                      | 442,787  | " 15                              | 234                                | 263     | 32·1  | Diphtheria 3; croup 4; typhus and typhd. fev. 4.       |
| TRIESTE -                         | 156,042  | " 15                              | -                                  | 63      | 21·0  | Sm.-px. 3; diph. & crp. 3.                             |
| ROME -                            | 588,800  | November 3                        | 243                                | 206     | 27·7  | Dph. 4; typh. fev. 3; mal. fev. 7.                     |
|                                   |  | " 10                              | 245                                | 214     | 23·8  | Td. fev. 5; s.-p. 1; mal. fev. 10.                     |
| TURIN (10 days)                   | 594,826  | " 30                              | -                                  | -       | -   | -  |
| VENICE -                          | 150,502  | December 8                        | 77                                 | 45      | 15·3  | Diarr. dis. 5.   |
| CAIRO -                           | 374,338  | " 6                               | 450                                | 300     | 41·8  | Typhd. fev. 15; whooping-cough 4; diarr. dis. 83.      |
| ALEXANDRIA -                      | 231,396  | " 6                               | 252                                | 167     | 37·7  | Typhd. fev. 4; diarr. dis. 37.                         |
| NEW YORK -                        | 1,493,000                                      | " 8                               | -                                  | 700     | 24·5  | Diph. 33; scar. fev. 29; measles 22.                   |
| BROOKLYN -                        | 774,870  | " 8                               | -                                  | 304     | 19·7  | Diph. 20; typhd. fev. 7; scar. fev. 6.                 |
| PHILADELPHIA -                    | 1,016,758                                      | " 8                               | -                                  | 316     | 16·2  | Diph. 13; scar. fev. 8; typhoid fever 6.               |
| ALTIMORE -                        | 431,879  | " 8                               | -                                  | 152     | 18·4  | Diph. 3; typhd. fev. 2.                                |



TABLE 2.—METEOROLOGICAL OBSERVATIONS taken at the ROYAL OBSERVATORY, GREENWICH, during the Week ending Saturday, 29TH DECEMBER, 1888.

[Under the Superintendence of the Astronomer Royal.]

| MONTH AND DAY. | Phases of the Moon.          | TEMPERATURE.                            |           |                       |                          | TEMPERATURE.  |                  |  |           | TEMPERATURE.             |  |                        |           | Wind as deduced from Anemometers. |             |                              |           | Rain collected in a glass, whose surface is receiving the Air of the Ground. |                                      |                  |           |                  |           |                  |           |
|----------------|------------------------------|---|-----------|-----------------------|--------------------------|---|------------------|--|-----------|--------------------------|--|------------------------|-----------|-----------------------------------|-------------|------------------------------|-----------|--|--------------------------------------|------------------|-----------|------------------|-----------|------------------|-----------|
|                |                              | Of the Air.                             |           | Of the Dew Point.     |                          | Difference between the Air Temperature and Dew Point. |                  | Degree of Humidity (Ratio equals 100). |           | Of Radiation.            |  | Of the Water at Depth. |           | General Direction.                |             | Pressure on the Square Foot. |           | Robinson's.  |                                      |                  |           |                  |           |                  |           |
|                |                              | High. est.                              | Low. est. | Daily Range.          | Mean from average value. | De- parture from average value.                       | Mean from value. | Great. est.                            | Least.    | High- est in Sun's Rays. | Low- est in Grass.   | High- est.             | Low- est. | A.M.                              | P.M.        | Great. est.                  | Least.    | Horizontal Movement on each Day.   | Depar- ture from Average of 10 Days. |                  |           |                  |           |                  |           |
| DECEMBER.      |                              | in.                                     | °         | °                     | °                        | °   | °                | °                                      | °         | °                        | °  | °                      | °         | lbs.                              | lbs.        | lbs.                         | lbs.      | Miles.   | Miles.                               |                  |           |                  |           |                  |           |
| SUN. 23        | ..                           | 29.388                                  | 39.7      | 8.1                   | 44.5                     | + 5.2   | 42.1             | 2.4                                    | 5.3       | 0.0                      | 91   | 56.4                   | 32.3      | SSE.                              | SSE. & SSW. | 1.0                          | 0.0       | 216  | — 87                                 |                  |           |                  |           |                  |           |
| MON. 24        | ..                           | 29.320                                  | 50.4      | 42.3                  | 46.3                     | + 7.0   | 44.4             | 1.9                                    | 5.0       | 0.4                      | 93   | 53.0                   | 33.0      | SSW.                              | SSW. & WNW. | 5.0                          | 0.0       | 335  | + 35                                 |                  |           |                  |           |                  |           |
| TUES. 25       | ..                           | 29.448                                  | 49.7      | 32.6                  | 41.3                     | + 2.1   | 38.4             | 2.9                                    | 4.2       | 1.0                      | 89   | 57.6                   | 28.7      | SW. & S.                          | S. & WSW.   | 6.9                          | 0.0       | 376  | + 76                                 |                  |           |                  |           |                  |           |
| WED. 26        | Last Qr. in                  | 29.689                                  | 45.5      | 34.2                  | 39.8                     | + 0.7   | 36.6             | 3.2                                    | 7.7       | 1.0                      | 89   | 75.6                   | 27.5      | WSW.                              | WSW.        | 2.7                          | 0.0       | 269  | — 1                                  |                  |           |                  |           |                  |           |
| THURS. 27      | Equator.                     | 29.637                                  | 49.1      | 32.9                  | 43.5                     | + 4.5   | 38.7             | 4.8                                    | 6.9       | 1.5                      | 83   | 53.7                   | 26.0      | SSW.                              | SSW.        | 8.5                          | 0.0       | 474  | + 173                                |                  |           |                  |           |                  |           |
| FRI. 28        | ..                           | 29.369                                  | 43.9      | 37.9                  | 43.7                     | + 4.9   | 41.7             | 2.0                                    | 5.3       | 0.0                      | 93   | 51.3                   | 29.0      | SSW.                              | NNW. & N.   | 6.4                          | 0.0       | 350  | + 43                                 |                  |           |                  |           |                  |           |
| SAT. 29        | ..                           | 29.710                                  | 39.9      | 36.8                  | 38.3                     | — 0.4   | 36.7             | 1.6                                    | 3.2       | 0.0                      | 94   | 42.5                   | 28.9      | N. & NNE.                         | N.          | 1.9                          | 0.0       | 274  | — 30                                 |                  |           |                  |           |                  |           |
| MEANS          | ..                           | 29.506                                  | 47.3      | 36.6                  | 42.5                     | + 3.4   | 39.8             | 2.7                                    | 5.4       | 0.6                      | 90   | 55.6                   | 29.3      | SSW.                              |             | ..                           | ..        | Sum 2345   | Sum + 234                            |                  |           |                  |           |                  |           |
| No. of Col.    | 3                            | 4                                       | 5         | 6                     | 7                        | 8   | 9                | 10                                     | 11        | 12                       | 13   | 14                     | 15        | 16                                | 17          | 18                           | 19        | 20   | 21                                   | 22               | 23        | 24               | 25        | 26               | 27        |
| DATE.          |                              | ELECTRICITY.                            |           | REGISTERED SUN SHINE. |                          | REGISTERED SUN SHINE.                                 |                  | REGISTERED SUN SHINE.                  |           | GENERAL REMARKS.         |  | GENERAL REMARKS.       |           | GENERAL REMARKS.                  |             | GENERAL REMARKS.             |           | GENERAL REMARKS.   |                                      | GENERAL REMARKS. |           | GENERAL REMARKS. |           | GENERAL REMARKS. |           |
| DECEMBER.      |                              | (For explanation of symbols, see Note.) |           | in hours.             | in hours.                | in hours.   | in hours.        | in hours.                              | in hours. | in hours.                | in hours.  | in hours.              | in hours. | in hours.                         | in hours.   | in hours.                    | in hours. | in hours.  | in hours.                            | in hours.        | in hours. | in hours.        | in hours. | in hours.        | in hours. |
| SUNDAY 23      |                              |   |           | 1.2                   | 7.7                      |   |                  |  |           |                          | Variable; fine.  |                        |           |                                   |             |                              |           |  |                                      |                  |           |                  |           |                  |           |
| MONDAY 24      |                              |   |           | 0.0                   | 7.7                      |   |                  |  |           |                          | Overcast; frequent rain.   |                        |           |                                   |             |                              |           |  |                                      |                  |           |                  |           |                  |           |
| TUESDAY 25     |                              |   |           | 1.7                   | 7.7                      |   |                  |  |           |                          | Fine till afternoon; rain in afternoon and evening; night fine.                          |                        |           |                                   |             |                              |           |  |                                      |                  |           |                  |           |                  |           |
| WEDNESDAY 26   | Instrument under adjustment. |   |           | 0                     | 7.8                      |   |                  |  |           |                          | Some rain in afternoon; generally fine at other times.                                   |                        |           |                                   |             |                              |           |  |                                      |                  |           |                  |           |                  |           |
| THURSDAY 27    |                              |   |           | 0.7                   | 7.8                      |   |                  |  |           |                          | Generally overcast; slight rain in evening.  |                        |           |                                   |             |                              |           |  |                                      |                  |           |                  |           |                  |           |
| FRIDAY 28      |                              |   |           | 0.0                   | 7.8                      |   |                  |  |           |                          | Generally overcast, excepting for a short time in evening; frequent rain till afternoon. |                        |           |                                   |             |                              |           |  |                                      |                  |           |                  |           |                  |           |
| SATURDAY 29    |                              |   |           | 0.0                   | 7.8                      |   |                  |  |           |                          | Overcast; frequent rain.   |                        |           |                                   |             |                              |           |  |                                      |                  |           |                  |           |                  |           |
| No. of Col.    |                              |   |           | 29                    | 30                       |   |                  |  |           |                          |  |                        |           |                                   |             |                              |           |  |                                      |                  |           |                  |           |                  |           |

The height of the eastern of the barometer is 39 feet above the mean level of the sea; no correction has been applied to the readings to reduce to sea level. The means of the observations are usually taken at 9h. A.M.; noon; 3h. P.M.; and 9h. P.M. The means of the eye-readings of the barometer, the dry bulb thermometer, and the wet bulb thermometer, are converted into mean daily values by the application of corrections deduced from a discussion of the photographic records made during the twenty years ending 1873 for the barometer, and during the twenty years ending 1868 for the thermometers. With the corrected mean reading of the dry bulb thermometer is combined the corrected mean of the readings of the maximum and minimum thermometers, forming the mean daily value of the temperature of the air (column 8). The mean daily dew point temperature and degree of humidity are deduced from the mean daily values of the dry and wet bulb thermometers by Glaisher's Hygro-metrical Tables.

The average temperature of the air is that derived from a discussion of the photographic records made at Greenwich during the 20 years ending 1888, and that of horizontal movement of the air from a discussion of the anemometric records for the 16 years ending 1875.

In reading the columns 9 and 25 it will be borne in mind that + indicates "higher," and - "lower," than the average.

The thermometers in the water of the Thames are suspended at a depth of two feet below the surface, at the end of one of the jetties of the Foreign Cattle Market at Deptford and their readings are registered by the Clerk of the Market, under instructions from the Corporation of London.

The record of Electricity is derived from Thomson's self-registering Electrometer. The symbols employed are +, -, P. positive; N. negative; v. weak; m. moderate; s. strong; and v. variable.

The numbers in column 29 derived from the Campbell-Stokes Sunshine Instrument, show the aggregate duration of bright sunshine on each day.

The results of all the meteorological observations are to be understood as applying to the civil day, that of the barometer increased from 29.27 in. at the beginning of the week to 29.71 in. by 9h. P.M. on the 23d, decreased to 29.30 in. by 3h. P.M. on the 24th, increased to 29.50 in. by 9h. A.M. on the 25th, decreased to 29.43 in. by 9h. P.M. on the same day, increased to 29.70 in. by 9h. P.M. on the 26th, decreased to 29.41 in. by 9h. A.M. on the 27th, and increased to 29.51 in. by the end of the week.











